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Do not assume content reflects current scientific knowledge, policies, or practices.



CATALOG
No. 5



Honolulu Seed Company

1585 KAPIOLANI BOULEVARD

HONOLULU

HAWAIIAN

ISLANDS

Roses...

to complete your garden

SISTER THERESE
ETOILE DE HOLLANDE (below)

KAISERIN AUGUSTA VICTORIA



PINK DAWN

COLLECTION A

DUQUESA DE PENARANDA. Intriguing color of orange-apricot, with deeper coppery tones. Long lasting pe-fumed flowers. **\$1.25 each.**

ETOILE DE HOLLANDE. Ranking top red rose throughout the world. Deep crimson, perfectly shaped fragrant blooms. **\$1.25 each.**

KAISERIN AUGUSTA VICTORIA. Delicate creamy white, yellowish at base. Long pointed buds. Beautiful open flowers. **\$1.25 each.**

PINK DAWN. Deep rose opening to lovely pink, tinted with orange at the base. Fragrant. Vigorous grower. **\$1.25 each.**

SISTER THERESE. Daffodil-yellow on inside of petals; mauve-red on the outside. Long pointed buds. Free bloomer. **\$1.25 each.**

Collection of 5 for..... **\$5.50**

CONDESSA DE SASTAGO. Multicolor.

HADLEY. Dark red.

MRS. E. P. THOM. Sunflower yellow.

NIGHT. Blackish red.

PICTURE. Clear pink

PRES. HOOVER. Multicolor.

TALISMAN. Red and yellow.

Price each \$1.25

Roses offered are all
1½-year-old grafted
stock.

We receive them early
each year and make
delivery January, February and March.

Please order early.

DUQUESA
DE PENARANDA

LAWN AND PASTURE GRASSES

BERMUDA OR MANIENIE

Because of climatic conditions in the Hawaiian Islands, the Mariana Is'ands and on most of the Islands of the Central and South Pacific, it has been found that Bermuda Grass, commonly called Manienie in Hawaii makes the most satisfactory lawns.

We always carry an ample stock of this popular grass seed.

1-lb. bag—covers about 200 square feet..... 90c

BENT GRASS SEED

For lawn purposes the Bents might well be considered the "aristocrats" of the grasses. When grown properly and well cared for they make very beautiful lawns and produce a fine thick turf.

Bent grasses are in use for lawns and golf courses, under various climate conditions, but since they are susceptible to injury from fungus diseases they are recommended for those who have the time and will to study carefully their management.

ASTORIA BENT—For lawn or putting green; grows a luxuriant dark green velvety turf and creeps mostly by underground root-stalks. Sow 1 pound to 20x25 or 500 square feet.

HIGHLAND BENT—A very hardy Bent which is considered less susceptible to the fungus diseases and is recommended for sowing on putting greens or lawns that get considerable wear. It is fine leaved, upright growth, moderately light green color and spreads by strong underground root stalks. Sow 1 pound to 15x20 or 300 square feet.

SEASIDE BENT—A true creeping Bent, producing surface runners which root at each joint when they come in contact with the soil. Once established, the growth is upright, of fine texture and a beautiful rich green with a thick, smooth and enduring turf. Sow 1 pound to 20x25 or 500 square feet.

Prices on all of the above.....1-lb. bag \$2.75; 10-lb. bag \$26.50

RANGE GRASS SEEDS

For over ten years we have supplied the cattle ranches and plantations of Hawaii with a large proportion of their needs. We are always careful to furnish pure seed of high germination and free from obnoxious weeds. All range grass seed is guaranteed to be equal to or better than U.S.D.A. standards. We are prepared to quote prices at all times on:

Guinea Grass	Rye Grass
Rhodes Grass	Red Top
Dallis Grass	Orchard Grass
Meadow Fescue	Tall Oat Grass

COVER CROPS

Please ask for quotations stating quantity desired.

Hairy Peruvian Alfalfa	Hairy, Purple or Common Vetch
Any of the Clovers	Cow peas and Canadian Field Peas

DICHONDRA

You've heard about this new type lawn that looks like compact, dark green clover. Once established it needs mowing only twice a year to keep it in perfect condition. It grows in either sun or shade. It creates a strong turf with little watering. If you have had trouble growing grass anywhere, why not try this new type lawn covering. Here is the first grass substitute that has had any merit. Tree roots do not bother it, and if you want a covering around shrub beds to help shade the ground and retain moisture, you can use Dichondra. Plant 3 ounces of seed to 1000 square feet of area to be covered. Do not use regular fertilizers. Feed after well established with LIQUID FERTILIZER only. For best results we recommend HYPONEX.

\$1.25 packet; \$8.00 for 3 ounces; \$17.00 for 8 ounces



DALLAS GRASS



MEADOW
FESCUE

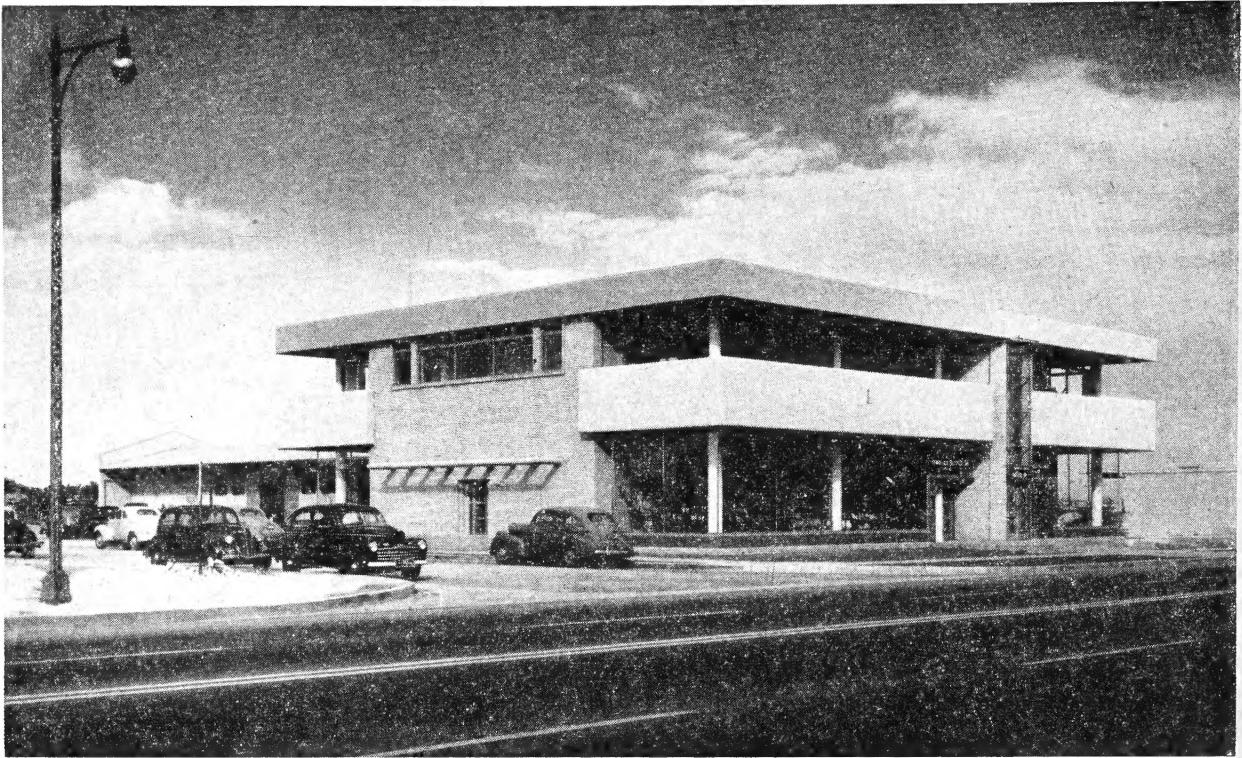


ORCHARD

GRASS



TALL OAT
GRASS



Honolulu Seed Company

1585 KAPIOLANI BOULEVARD
HONOLULU 42, HAWAII



Thank you all so very much! We are deeply grateful to our thousands of friendly customers for their generous support and honest criticism which enabled us to build your new store, one of the finest of its type in the entire United States.

The pictures on this and the following page are for friends on outlying Islands who have not had a chance to visit the new quarters.

The store, with its up-to-the-minute shipping facilities was built to better serve you. Without your patronage we could not succeed.

We pledge to serve your needs to the best of our ability at all times. Prompt, courteous service, the best of selected seeds and bulbs, and quality merchandise at fair prices.

CONDITIONS OF SALE

FLOWER SEEDS are sent Postpaid.

VEGETABLE SEEDS are forwarded transportation paid, we reserving the right to ship by parcel post, express, or freight.

AIR FREIGHT and AIR EXPRESS—When requested we will ship by air but all charges for either air freight or air express are for buyer's account.

RANGE GRASS SEEDS—Quotations are F.O.B. Honolulu, unless otherwise quoted.

PRICES—This price list cancels all previous offers. All prices herein are net—no discount.

FERTILIZERS—INSECTICIDES—FUNGICIDES—DOG FOODS—TOOLS—IMPLEMENTS—ETC. are all quoted F.O.B. Honolulu.

REMITTANCES should be made by money order, bank draft, or personal check. We can not be held responsible for money sent in any other way.

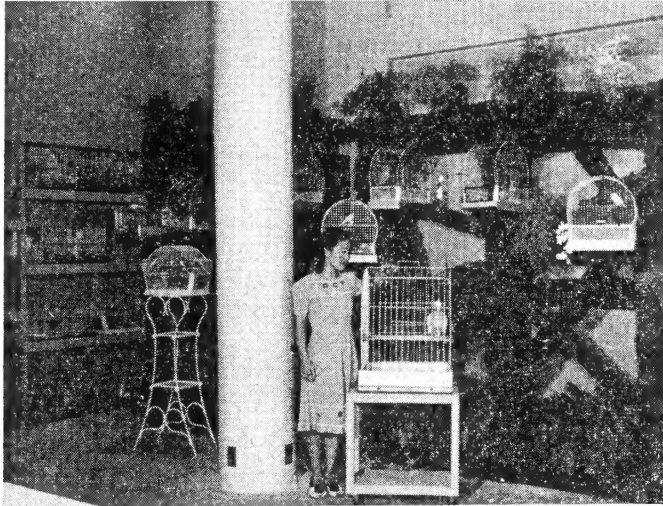
C.O.D. and INSURANCE FEES are for account of buyer.

NON-WARRANTY—The Honolulu Seed Company gives no warranty, express or implied, as to the description, quality, productiveness, or any other matter of seeds, bulbs, plants or trees they send out, and they will not be responsible in any way for the crop.

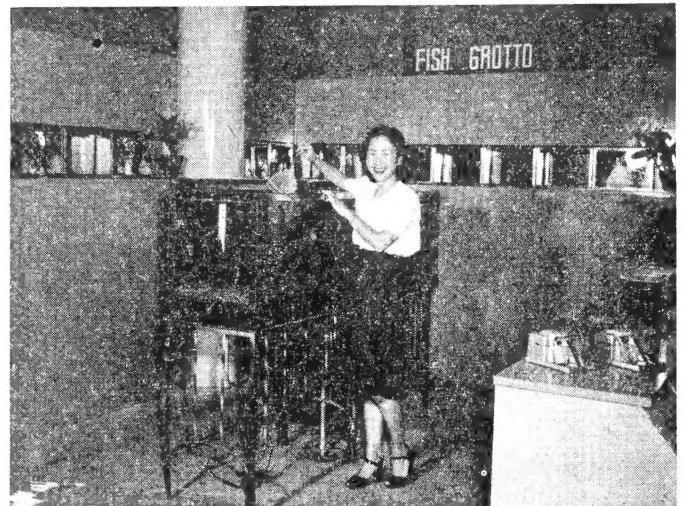


SECTION OF MAIN STORE

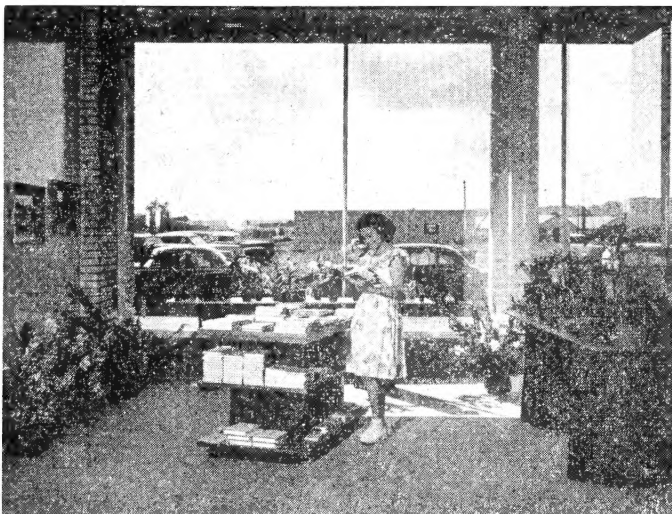
All display tables are low so that when people step into the store, they have an unobstructed view of its 90-foot length and 60-foot depth.



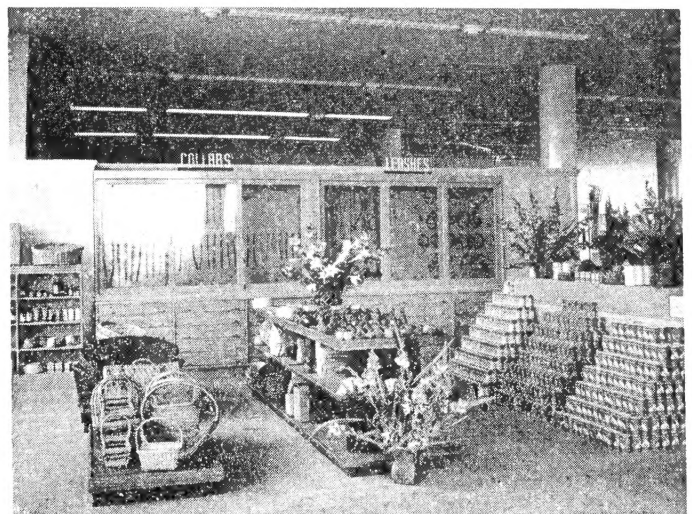
CORNER OF BIRD ROOM—Hawaiian tree fern logs and a generous use of potted maiden hair and orchids is used to give the general effect of an outdoor garden or forest. Birds seem to delight in this atmosphere and sing continuously.



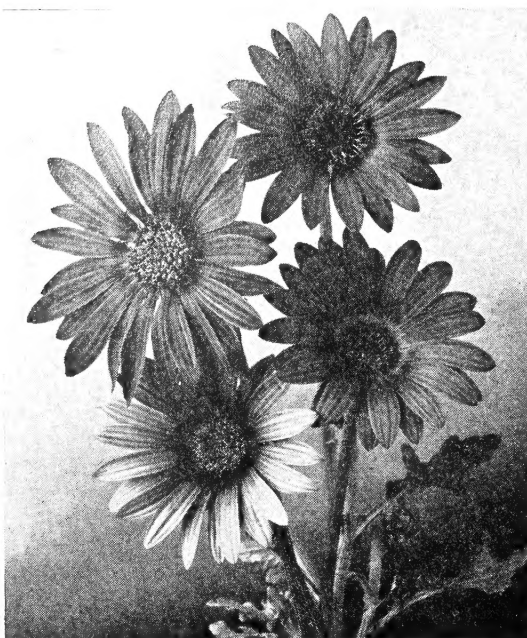
CORNER OF FISH GROTTTO—Realizing there is only one proper level to display tropical fish—eye level—the Fish Grotto displays our “finny” friends in aquaria at the proper height. These tanks are serviced from the rear—all pumps and filters being concealed. The two large gold fish tanks in the foreground are equipped with fresh running water.



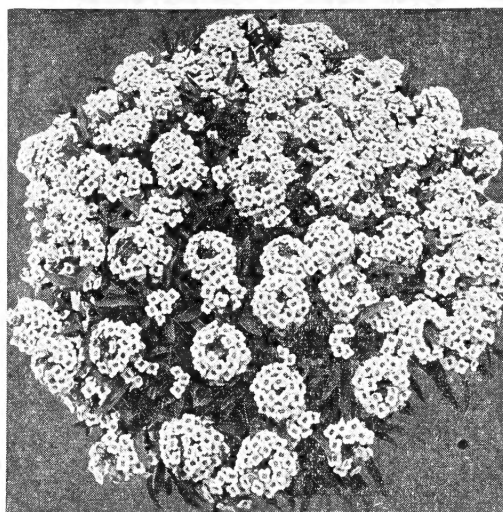
BOOK AND ORCHID ALCOVE



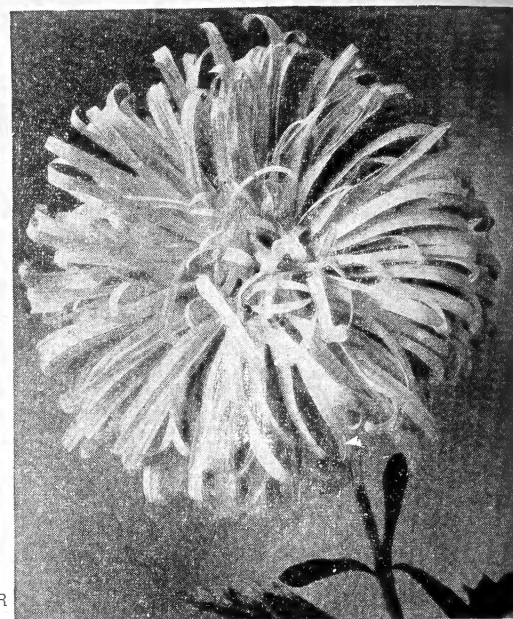
DOG AND PET SUPPLIES



ARCTOTIS



SWEET ALYSSUM



ASTER

ANNUAL AND PERENNIAL FLOWER SEEDS

AGERATUM (α)

Popular annual plants producing fluffy blue flowers all summer. The dwarf stature and compact habit permits its use for edging or in the rockery where it will flourish in any soil. Sun or partial shade.

Midget Blue. Silver Medal, All-America Selections, 1940. A very fine dwarf Ageratum (2 to 3 inches high) with delicate foliage, practically smothered with small true Ageratum Blue Flowers. Pkt. 10c, 1/8 oz. \$1.

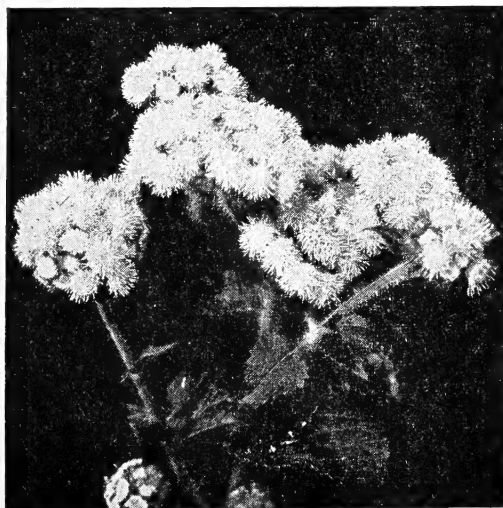
ALYSSUM, Madwort (α)

One of the most popular garden flowers, remaining in bloom the entire season; suitable for beds and edging in summer, or for growing in pots and boxes for winter bloom.

Lilac Queen. Dwarf compact plants of small, sweetly scented flowers of a rich deep lilac shade. Pkt. 10c, 1 oz. \$1.00.

Little Gem. An old standby. This strain surpasses all others for uniformity of height and form. Makes neat, compact edging plants. Grows to about 6 inches.

Pkt. 10c, 1 oz. \$1.00.



AGERATUM

AMARANTHUS (α)

Sometimes called Joseph's Coat. Grown for the vividly colored foliage and showy flower clusters. Good for open location. 3 to 4 ft. tall.

Pkt. 10c, 1 oz. \$1.00.

ANTIRRHINUM, See Snapdragon

ARCTOTIS HYBRIDS

Autumn Shades

A gay and cheerful member of the daisy family. Dozens of blossoms open at a time, commencing to bloom in early spring. Many shades of red, orange, and yellow—typical autumn tones. Foliage is a soft gray green with slender wavy edged leaves. Mixed.

Pkt. 10c, 1/2 oz. \$2.50.

ASTERS (α)

We can imagine no other flower which combines so much beauty with grace and usefulness. We concentrate our sales on the improved Crego wilt resistant strain which has proved a prolific bloomer in our Islands. Plants are strong, heavily branched and grow about 2 1/2 ft. in height. The large shaggy flowers have long curled petals. Plant in well pulverized soil always kept loose by continuous cultivation.

Crego Purple. Deep rich color.

Crego White.

Crego Rose Pink.

Crego Lavender

Crego Mixed.

Above Aster seeds Pkt. 10c, 1/2 oz. 75c.

Heart of France. Rich dark red, wilt resistant. Pkt. 10c, 1/2 oz. \$1.50.

BABY'S BREATH (See Gypsophila)

BACHELOR'S BUTTON

(See Centaurea)

BALSAM, Lady Slipper (α)

An old and popular garden flower of easy culture. Gorgeous masses of brilliant double flowers are produced in the greatest confusion. Height 2 feet.

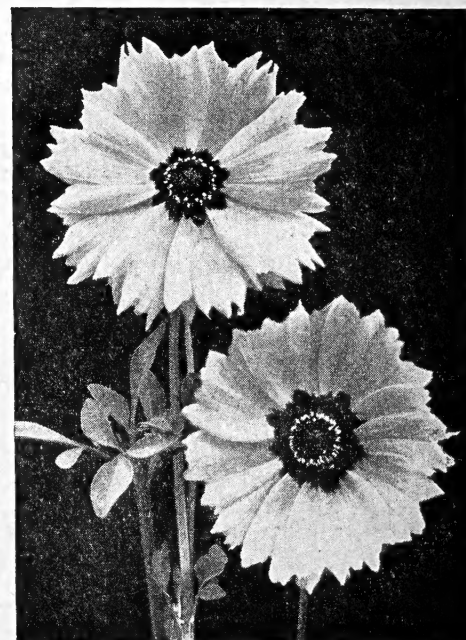
Double rose flowered, finest mixed.

Pkt. 10c, 1 oz. \$1.00.

BEANS — SCARLET RUNNER (α)

A fast growing vine used for ornamental purposes, also valuable as a green shelled bean. Seeds purple splashed with violet.

Pkt. 10c 1/4 lb. 25c, 1 lb. 75c.



CALLIOPSIS

CALENDULA (α)

Chrysantha. Clear buttercup yellow, petals incurved. A gold medal winner in 1934.

Pkt. 10c, ¼ oz. 50c.

Orange King. An extra fine Calendula, producing dark orange-red blossoms averaging about 3 inches across.

Pkt. 10c, ¼ oz. 40c, 1 oz. \$1.25

Exquisite Mixed. All the double sorts in an excellent mixture producing flowers ranging through the various shades of orange and yellow.

Pkt. 10c, ¼ oz. 40c, 1 oz. \$1.25

CALLIOPSIS, Tickseed (α)

Showy and free flowering annuals of the easiest culture, doing well in any sunny location. The plants are graceful, with finely cut foliage, and a wealth of brilliant flowers produced in shades from golden yellow to maroon.

Tall Mixed. Each flower is a miniature paint brush of orange scarlet produced on long wiry stems.

Pkt. 10c, 1 oz. \$1.00.

CANDYTUFT (α)

Umbellata Mixed. This hardy early annual is one of our best plants for edging, bedding and cutting. They bear terminal clusters of small flowers, white, purple, pink, blue. Fairly rich soil, plenty of sunshine and moderate watering grow them best.

Pkt. 15c, ½ oz. 60c, 1 oz. \$1.00

Hyacinth-flowered White. A hardy annual making an excellent border plant. Bears large bold spikes of white blooms, resembling a hyacinth in appearance.

Pkt. 10c, 1 oz. \$1.00.

CARNATIONS

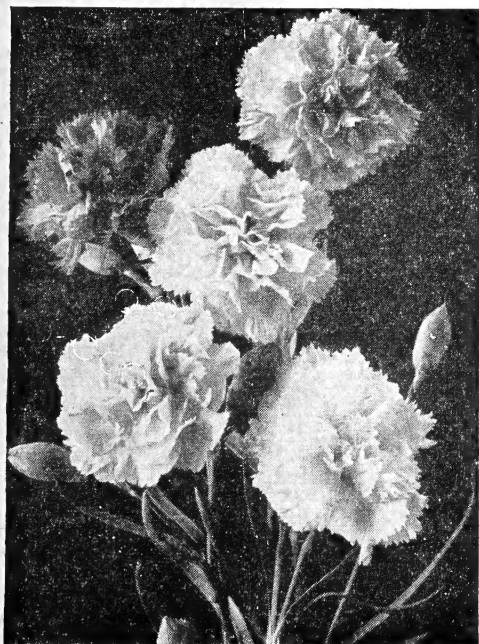
Experience has taught us that the Chabaud's strain is one of the best for our equitable climate. Tender perennial. Handle as an annual. Vigorous erect plants produce beautiful, double, clove-scented flowers of large size.

Chabaud's Cardinal Red. Outstanding brilliant scarlet.

Chabaud's White.

Chabaud's Deep Rose. Lovely rich rose.

Pkt. 10c ¾ oz. \$1.00.



CARNATIONS

Carnation Plants. During January, February and March, we import both rooted and unrooted cuttings. Prices on application. Please order before December 15th.

CENTAUREA (α)

Bachelor Button or Cornflower

Easily grown plants with single or double thistle-like flowers. Fine for beds, borders or cutting. Plant in full sun in any good garden soil.

Double Cornflower (Cyanus). 2 to 3 ft. The flowers of this strain are large, fully double, and the colors are intensified. Long stems make them ideal cut flowers.

Blue Boy. Florist strain. Pkt. 10c, ¼ oz. 50c.

Mixed Colors. Pkt. 10c, ½ oz. 50c.

Giant Sweet Sultans (Centaurea Imperialis). This strain grows about 3 ft. high and has slightly larger flowers than the above strains. Flowers are sweet-scented, exquisitely fringed and long stemmed.

All Colors Mixed.

Pkt. 10c, ¼ oz. 35c, ½ oz. 60c.

CELOSIA, Cockscomb (α)

Easy to grow. Excellent for beds, borders and showy in mass plantings.

Crested Cockscomb. Dwarf.

Pkt. 10c, ¼ oz. 40c.

Feathered Cockscomb. Pyramidal type plants producing spire-like branches with graceful plumed flowers.

Tall Feathered. Grows 2-3 ft. tall. Colors: Crimson, fiery red and scarlet.

Pkt. 10c, ¼ oz. 50c.

CHRYSANTHEMUM

See Shasta Daisy and also Painted Daisies

CLARKIA (α)

Elegans Double. Small carnation-like flowers in soft pastel tints. Sun or light shade. Sow seed direct in any good garden loam. Good type for border.

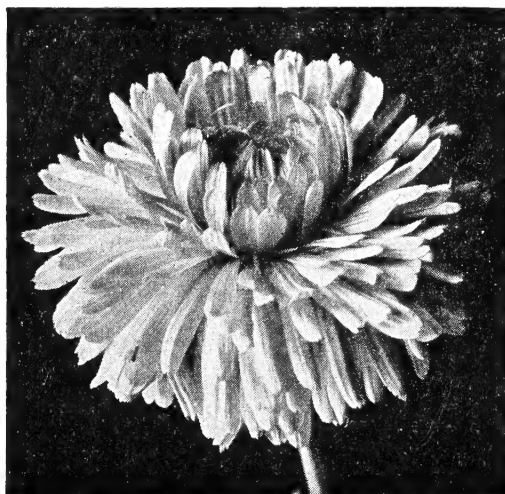
Choice Double Mixed. All colors.

Pkt. 10c, ¼ oz. 35c.

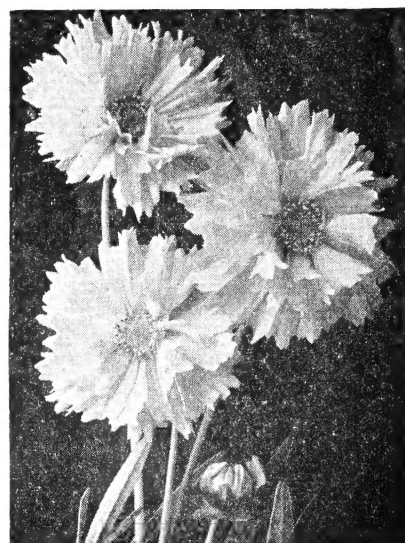
COREOPSIS (p)

Grandiflora. This class of hardy perennial plants grows 2 to 2½ feet tall and produces beautiful large daisy-like flowers, rich in color, with broad fluted petals.

Mayfield Giants. Large rich deep golden yellow, single flowers. Pkt. 10c, ¼ oz. 45c.



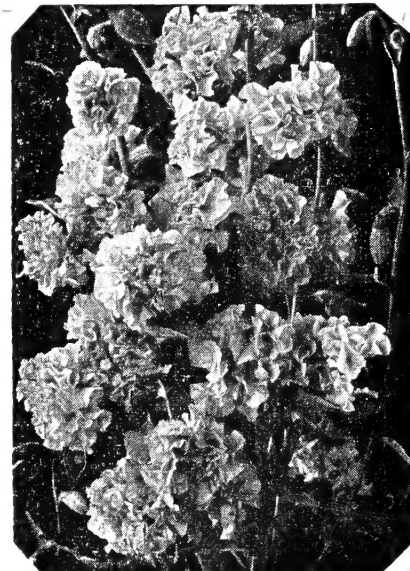
CALENDULA



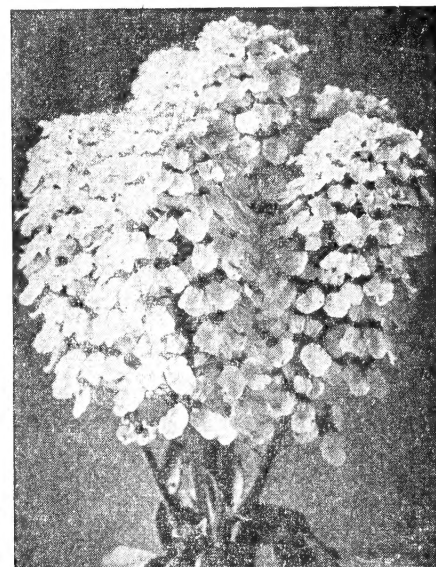
COREOPSIS, DOUBLE SUNBURST

Double Sunburst. Mostly semi-double flowers; the extra petals add much to the charm of this golden yellow variety.

Pkt. 10c, ¼ oz. 50c.



CLARKIA ELEGANS



HYACINTH FLOWERED CANDYTUFT

COSMOS (α)

Sensation Dazzler. Honorable mention, All-America Selections, 1943. A new shade has been added to the popular Sensation type of Cosmos. Dazzler is a luscious shade of rich deep velvety maroon. The flowers are immense, four inches across, with broad heavy fluted petals. Excellent for cutting. Plants are sturdy and stand erect. Pkt. 25c.

Sensation Mixed. Pkt. 10c.

Early Klondyke Orange Flare. Grand Champion Gold Medal, All-America Selections, 1935. The long stemmed flowers of bright vivid orange are freely borne on 2 to 3-foot plants. Its most remarkable feature, however, is its early blooming habit. It blooms from mid-summer until frost. Pkt. 10c.

Pinkie. See first center color page. Pkt. 10c.

Radiance. 1948 award winner. See back cover. Pkt. 25c.

DAHLIA BULBS

Available January to March
Write for Prices

DAHLIA (α)

The dwarf bedding type dahlias are readily grown from seed and are easy to grow. Plant in morning sun or semi-shade, in any loose type soil.

Unwin's Dwarf Hybrids. Height 18 inches. A special reselected strain of even dwarf habit and attractive double and semi-double flowers covering a wide range of colors. Pkt. 10c, 1/8 oz. 75c, 1/4 oz. \$1.25.

DAISIES

African Golden Daisies (Dimorphotheca (a)). The plants are of branching habit, growing about 15 inches high. An easily cultivated annual. Mixed. Pkt. 10c.

Painted Daisy (Pyrethrum (p)). This plant is cousin to the Chrysanthemum and Matricaria and should play an important part in many a well planted garden. Height, 1 to 3 feet.

Single Mixed. Radiating petals in many tones of rose and red about a golden center. Pkt. 15c.

Shasta Daisy (Chrysanthemum maximum (p)). Popular hardy perennial bearing large white, single blooms with handsome yellow centers. They are valuable for border decoration and especially pleasing in bouquets. **Alaska.** Pure white, extra large flowers. Excellent for cutting. Height, 2 feet. Pkt. 10c.

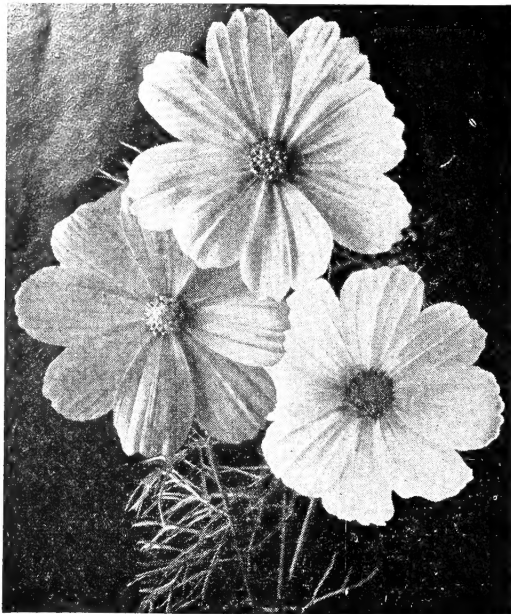
DELPHINIUM CHINENSIS

Early sown seed blooms first year.

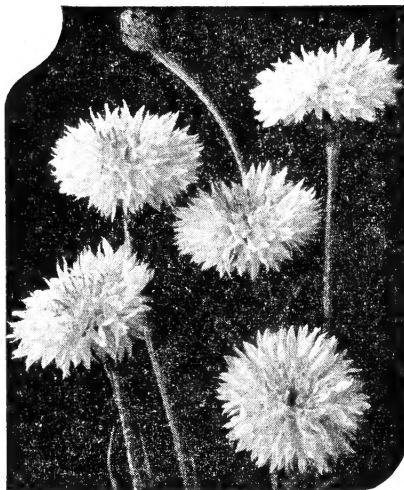
Dark Blue. Pkt. 10c, 1/8 oz. 50c.
Improved Belladonna Type

Bellamosa. Rich deep blue, florists' cut flower. Pkt. 10c, 1/8 oz. \$1.00.

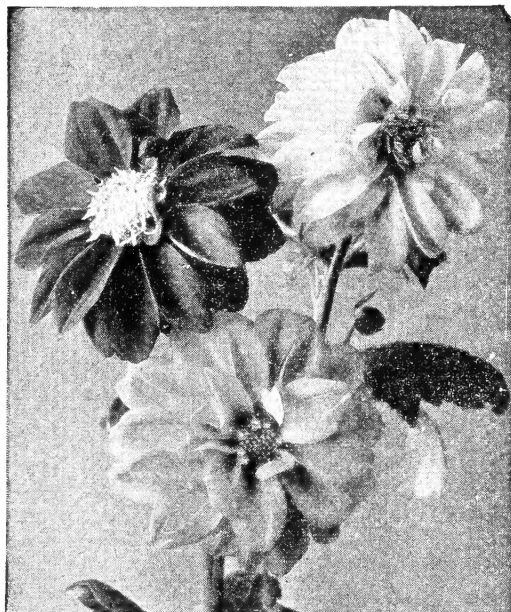
Belladonna. Light turquoise-blue, florists' cut flower. Pkt. 10c, 1/8 oz. \$1.00.



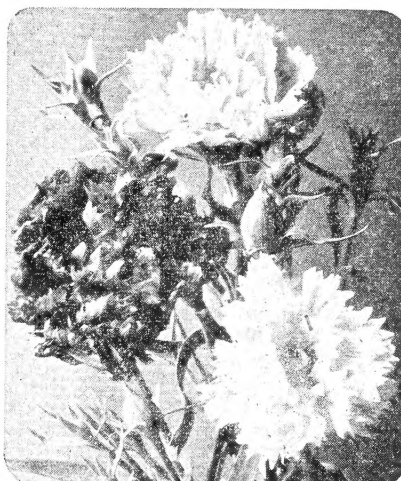
COREOPSIS SENSATION



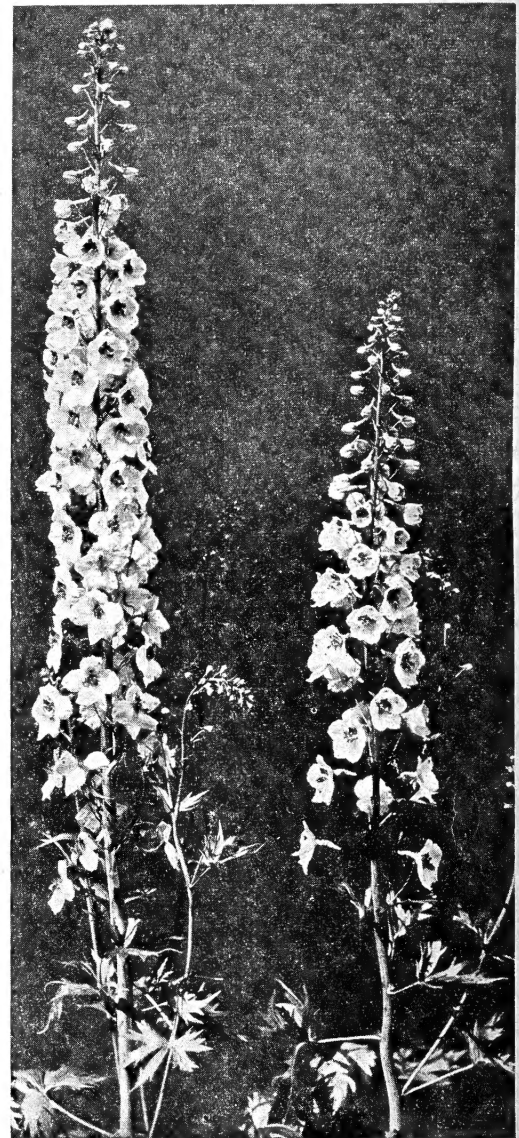
CENTAUREA, BLUE BOY



DAHLIA, UNWIN'S DWARF HYBRID



DIANTHUS CHINENSIS, DOUBLE



DELPHINIUM BELLADONNA

DIANTHUS, Garden Pinks (α)

Chinensis. Plants tall, 20 inches, flowers produced in clusters, very free flowering. Use for edging, rockeries, borders. Plant in full sun in any well fertilized soil.

Single. Pkt. 10c, 1/8 oz. 50c.

Double. Pkt. 10c, 1/8 oz. 75c.

FORGET-ME-NOTS (α)

Cynoglossum amabile. Pure blue and white flowers in sprays, for cutting and bedding in sun. Clear blue. Pkt. 10c, 1/4 oz. 50c.

GODETIA, Satin Flower

A flashy annual for mass planting. For cut flowers sow the seeds thickly in the row, crowded plants grow taller and make good stems for cutting. There is a cluster of buds at the top; cut when the first flower is open; the remaining buds will open after cutting; they often last a week.

Tall, Double Grandiflora Mixed.

Pkt. 10c, $\frac{1}{8}$ oz. 50c.

GOURDS, Ornamental

These are desirable in many places where an immense amount of vine is wanted quickly. The blooms of some are quite handsome and the mature fruits are unique and are often shellacked and used as ornaments.

Mixed Small Fruited Varieties Pkt. 10c.



ORNAMENTAL GOURDS

GYPHOPHILA, Baby's Breath

Baby's Breath grows quickly from seeds sown in open ground. The airy sprays of many small flowers are used mostly to combine with other flowers in bouquets.

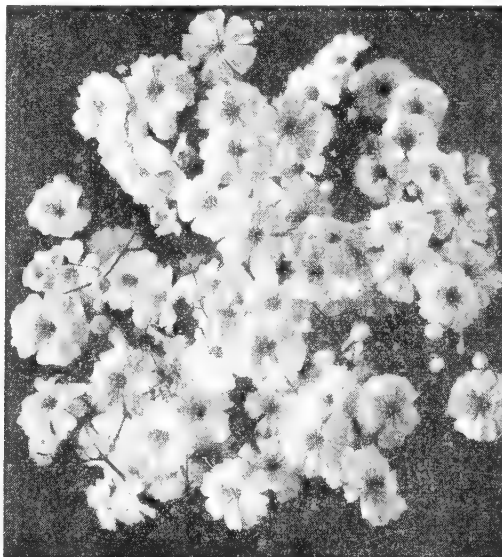
Covent Garden Market. An improved giant pure white, unsurpassed as to size of bloom as well as form. A florist strain.

Pkt. 10c, $\frac{1}{8}$ oz. 50c.

HELIOTROPE

Desirable for both pot plants or garden. Sweet scented Heliotrope thrives in full sun and is easily grown from seeds.

Pkt. 10c, $\frac{1}{8}$ oz. \$1.00.



GYPHOPHILA, COVENT GARDEN MARKET



SHASTA DAISIES

HELIANTHUS, Sunflower (α)

Sun Gold (Double Sunflower). Dramatic and striking in beauty. All double in a brilliant golden yellow color. Blooms 4 to 5 inches in diameter, are a delight in a background planting in full sun where they will produce a vivid splash of color in mid-summer. Plants reach a height of 4 to 5 feet depending upon soil and climate. Very free flowering.

Pkt. 10c, $\frac{1}{8}$ oz. 25c.

HELICHRYSUM, Straw Flower (α)

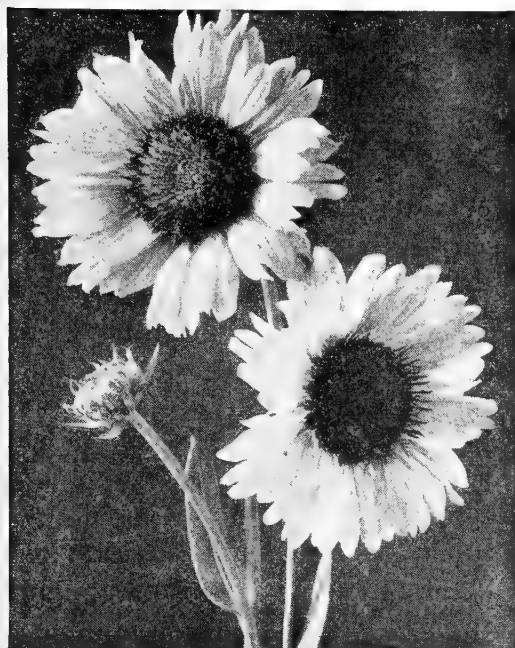
The finest of all Everlastings. They make unusually fine winter bouquets if cut when partially opened and dried slowly in a cool place, heads downward to keep the long stems straight. The centers of the double pompon-like flowers are nearly covered by the stiff overlapping petals. A wide range of brilliant and soft colors. Height, 2 to 3 feet.

Finest Mixed.

Pkt. 10c, $\frac{1}{8}$ oz. 50c.



CODETIA



GAILLARDIA

FOUR O'CLOCK (p)

Mirabilis or Marvel of Peru. Perennial but grown as annual. Pkt. 10c, $\frac{1}{8}$ oz. 25c.

Four o'Clocks are showy, summer and fall blooming plants. About 2 feet high, the flowers open in the afternoon or all day if it is cloudy. Colors are pink, red shades, rose, lavender and white, sometimes several of them in one flower.

Mixture.

Pkt. 10c, $\frac{1}{2}$ oz. 25c.

GAILLARDIA, Blanket Flower (α)

If you do not already know the modern gaillardias, you should get acquainted with them. The brilliant flowers are in tones of orange, yellow, red and maroon, all often combined in one flower. They are bright in the garden and lovely in bouquets.

Double Mixed. An unusual mixture of modern gaillardias. The flowers are full double, medium size and in a bright and pleasing variation of colors including yellow, orange and red with contrasting stripes or markings.

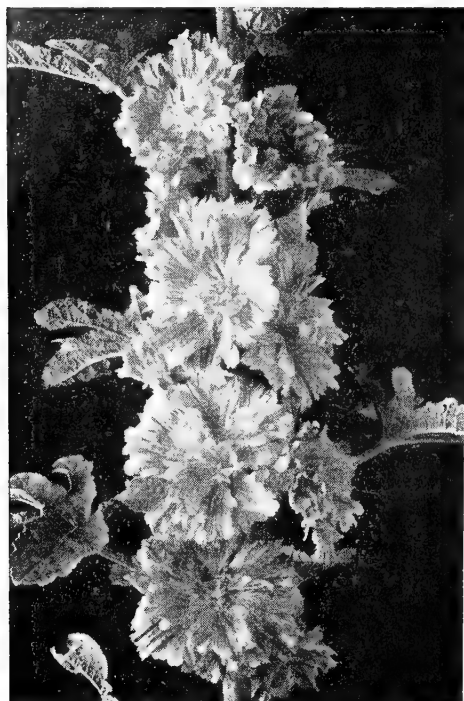
Pkt. 10c, $\frac{1}{8}$ oz. 60c.

Single Mixed.

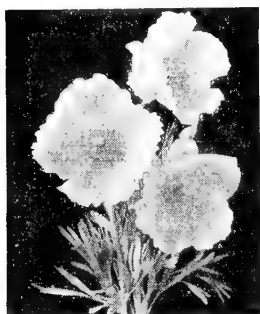
Pkt. 10c, $\frac{1}{8}$ oz. 50c.



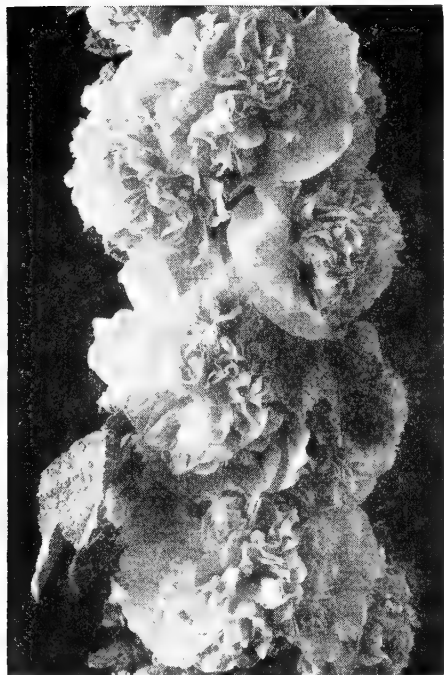
CYNOGLOSSUM AMABILE (FORGET-ME-NOT)



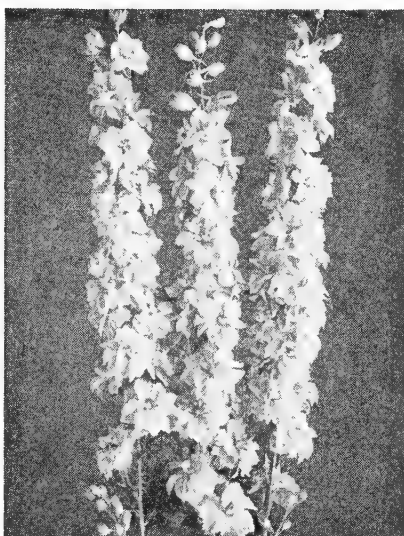
HOLLYHOCK, INDIAN SPRING



HUNNEMANIA SUNLITE



DOUBLE HOLLYHOCK



LARKSPUR, GIANT IMPERIAL

HOLLYHOCK, *Althaea* (p)

The beautiful color effects produced by the planting of these flowers, render them indispensable for the old-fashioned garden or the herbaceous border. Height, 6 to 12 feet.

Indian Spring. Silver Medal, All-America Selections, 1939. Semi and double flowers of bright rose and rosy carmine. Its many flowered branches produce a continuous show until frost. Flowers first year from seed.

Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Double Triumph Mixed. Beautifully fringed rosette flowers in many new shades and bicolor combinations. Pkt. 10c, $\frac{1}{16}$ oz. 50c.

Double Triumph Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 25c.

Single Triumph Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 25c.

HUNNEMANIA, Mexican Poppy

Yellow, single, poppy-like flowers with contrasting darker colored stamens. The bushy plants grow about 2 feet high; the flowers keep well when cut in bud form.

Sunlite. A lovely semi-double form.

Pkt. 10c, $\frac{1}{4}$ oz. 75c.



HELICHRYSUM (STRAWFLOWER)



LOBELIA CRYSTAL PALACE

LARKSPUR (α)

Annual Delphiniums are adorned with finely cut, feathery foliage which set off to advantage the handsome long floral spikes of double blossoms. The colors range from pure white through soft shades of lavender and pink to deep blue.

Giant Imperial. Tall, upright, compact, basal branching in habit, the Giant Imperials have superseded all other types of Larkspurs for general garden use. Their delphinium-like spikes of double florets are carried on stout stems 4 to 5 feet.

White King. Special Mention, All-American Selections, 1937. The flowers are a pure, glistening white, with extremely large double florets, sometimes measuring 2 inches across, evenly spaced on the stem. Early, the finest Larkspur.

Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Blue Spire. Very deep violet blue. Outstanding blue. Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Lilac Queen. Rich lilac. Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Los Angeles. Improved rose.

Pkt. 10c, $\frac{1}{8}$ oz. 50c.

Mixed.

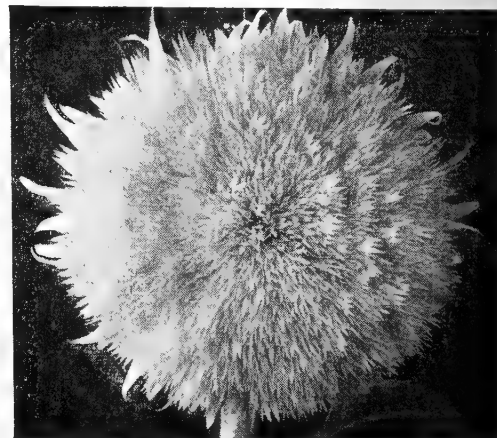
Pkt. 10c, $\frac{1}{8}$ oz. 50c.

LOBELIA

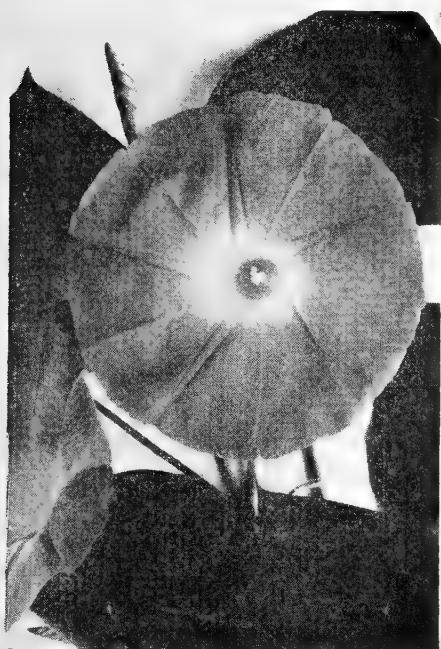
Small bushy plants completely covered with the daintiest of small blue flowers. Location: semi-shade or any place protected from hot afternoon sun. Culture: not particular as to soil, as long as soil is kept constantly moist.

Crystal Palace. Very dwarf deep blue with dark bronzy green foliage.

Pkt. 10c, $\frac{1}{8}$ oz. 75c.



HELIANTHUS, SUN GOLD



MORNING GLORY, HEAVENLY BLUE

COLORFUL MORNING GLORIES

Ipomoea

The Morning Glories are so popular that they hardly need any introduction. With the great improvement in varieties over the early types, these popular flowers are in greater demand than ever for growing on fences, pergolas, garages, etc. Plant in full sun, or at least morning sun, in any soil, and do not use fertilizer as more blooms will be produced when growth is not forced.

The Red, White and Blue Group

Cornell. Large flowers, carnelian red bordered white, free blooming, heavy growth, attractive bright green foliage.

Pkt. 10c, 1/8 oz. 50c.

Heavenly Blue. Sky blue, shading golden yellow in throat, extremely early.

Pkt. 10c, 1/8 oz. 40c.

Pearly Gates. Lovely lustrous white.

Pkt. 10c, 1/8 oz. 50c.



FLASH MARIGOLD

Mission Giants. A new strain of exceptional merit. Plants grow about 18 inches high, producing from 8 to 12 stems of excellent cutting length. The blooms measure 4 to 5 inches in diameter and are almost perfect balls.

Pkt. 10c, 1/8 oz. 50c.

Dwarf French Marigolds (Small Flowered).
Harmony. Attractive Scabious-like double flowers. A striking deep orange center, with maroon red outer petals. Dwarf and free flowering. One of the best and most widely known.

Mixed. Pkt. 10c, 1/4 oz. 35c, 1/2 oz. 65c.

MARIGOLDS (α)

Their very vigorous habit, prolific and extremely long blooming period make them a must item for every garden, being valuable for bedding, cutting and pot plant work. Location: full sun—the warmer the better. Culture: thrive in any type of soil, from the poorest to well fertilized loam. Use: bedding, mixed borders, in rows along fences, etc., for pots, or any spot where brilliancy of color over a long summer period is desired.

Giant African (Large Flowering)

All Double Orange. Produces 85-90% fully double flowers, the balance semi-double. This elimination of singles makes them very valuable for bedding and cutting purposes.

Pkt. 10c, 1/8 oz. 45c, 1/4 oz. 80c.

All Double Gold. Similar to above in type, almost 100% double flower. Beautiful golden yellow color.

Pkt. 10c, 1/8 oz. 45c, 1/4 oz. 80c.

All Double Lemon. Same trueness to type as all double orange.

Pkt. 10c, 1/8 oz. 45c, 1/4 oz. 80c.

All Double Mixed. Mixture of the two All-Double varieties above.

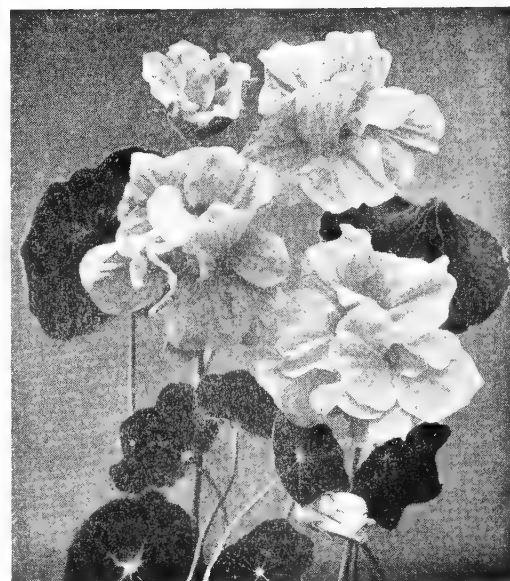
Pkt. 10c, 1/4 oz. 65c, 1/2 oz. \$1.10.

Flash Marigold. 1945 All-America Winner. Flash is especially noteworthy for the bright combinations of colors suggested by the name. In most of the flowers a base color of tangerine is overlaid or marked with rich mahogany red. Combine deep, mahogany red with tangerine and you get—Flash. Individual flowers 1 3/4 inches and more across are produced in 10 weeks from seed and the plants bloom profusely until frost. Strong, medium-length stems recommend the flowers for cutting.

Pkt. 10c, 1/8 oz. 50c, 1/4 oz. 90c.



MISSION GIANT MARIGOLD



NASTURTIIUM, GLEAM HYBRIDS

NASTURTIIUMS

One of the most useful garden annuals for ground cover, window boxes, patio pots and for cutting. They produce more flowers and fewer leaves if planted in poor soil, are not fertilized, and if kept not too moist. For lots of color plant nasturtiums.

Double Nasturtiums

These giant double and semi-double flowers are unusually artistic in form and very desirable for cutting—fragrant, too.

Golden Gleam. Bright golden yellow.

Scarlet Gleam.—Lovely fiery scarlet.

Gleam Hybrids. Bright, sparkling colors, a very fine mixture.

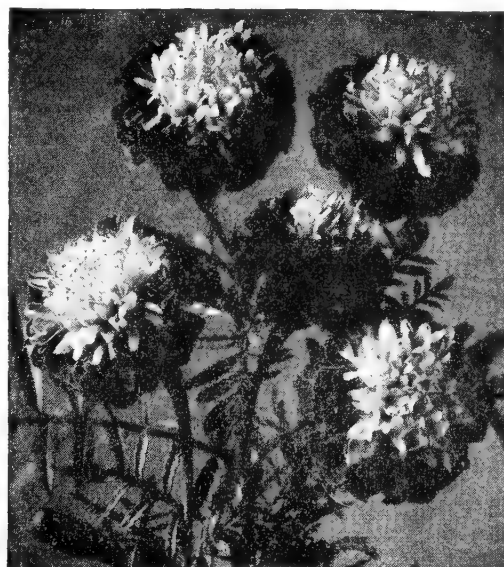
Each of the above: Pkt. 10c, 1 oz. 50c.

Single Nasturtiums

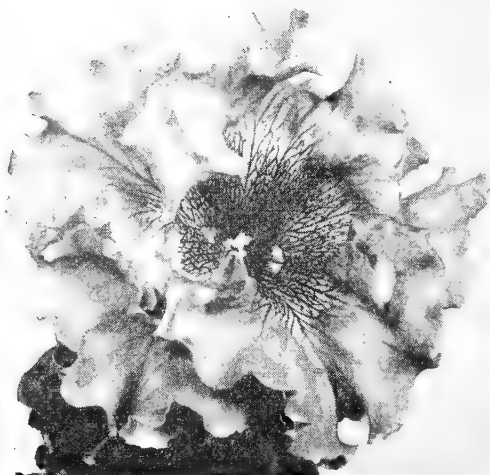
The old-fashioned single flowered nasturtiums which are still popular.

Dwarf Single Mixed. Pkt. 10c, 1 oz. 50c.

Tall Single Mixed. Pkt. 10c, 1 oz. 50c.



MARIGOLD HARMONY



PETUNIA, GIANTS OF CALIFORNIA

PETUNIAS

Single, Bedding Compact Type

If planted early, these Petunias have a very long blooming season. They are easy to grow and are very colorful. Sow the seeds in flats and transplant to the garden. They do well in most ordinary soil. Grow 10 to 12 inches high.

Rosy Morn.
Silver Blue.

Snow White.
Violaacea.

Exquisite Mixed.

Pkt. 10c, 1/16 oz. 75c.

Petunia Hybrida. This is a tall single, growing 18 to 24 inches. Excellent for large beds. Flaming velvet. Pkt. 10c, 1/16 oz. 75c.

Giants of California. Our special well-balanced mixture of light and dark colors, fringed and ruffled, with attractive deep throats, many beautifully veined. Pkt. 10c.

PHLOX DRUMMONDI (α)

Annual strains of Phlox cannot be beaten for trueness to type, ease of culture, and brilliant positive colors. Location: sun—partial shade. Culture: a light soil or a heavy soil which has been lightened through use of humus material. Best results obtained from sowing seed direct when soil warms up in spring.

Drummondi Gigantea. 12-18 inches. A comparatively new type in tall Phlox, and superior to all older strains such as the grandiflora varieties. Flowers 50 per cent larger than former varieties. Very strong growing and free flowering.

Phlox Mixture of New Art Shades.

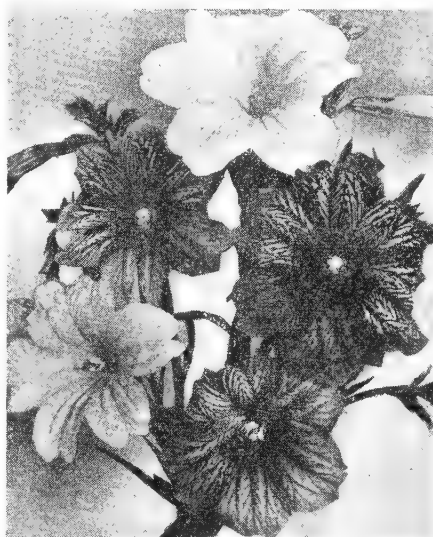
Pkt. 10c, 1/16 oz. 75c.



BEDDING PETUNIAS



PETUNIA ROSY MORN



SALPIGLOSSIS

PORTULACA (α)

(Moss Rose)

Six inches. Flowers are like little roses. Forms a dense thick carpet, 4 to 6 inches tall. Location: sunny. Culture: any type soil with adequate drainage.

Double Mixture. Special mixture of all brilliant Portulaca colors in the double type.

Pkt. 10c, 1/8 oz. 75c.

Single Mixture.

Pkt. 10c, 1/8 oz. 50c.



PORTULACA (MOSS ROSE)

SALVIA (α)

Brilliant colored flowers used for edging, tall bedding and pot use.

America (Globe of Fire). 22 inches. The standard dwarf bedding variety of vivid scarlet. Absolutely even in growth, being valuable for edging, pot work, or dwarf bedding. Pkt. 10c.

SALPIGLOSSIS (α)

2½ feet. Lovely large, trumpet-shaped flowers of velvety texture, the colors charmingly penciled, netted and veined with golden yellow, crimson and purple. Location: full sun. Culture: loose type soil. Use: bedding, lovely cut flower material.

Pkt. 10c, 1/8 oz. 50c.

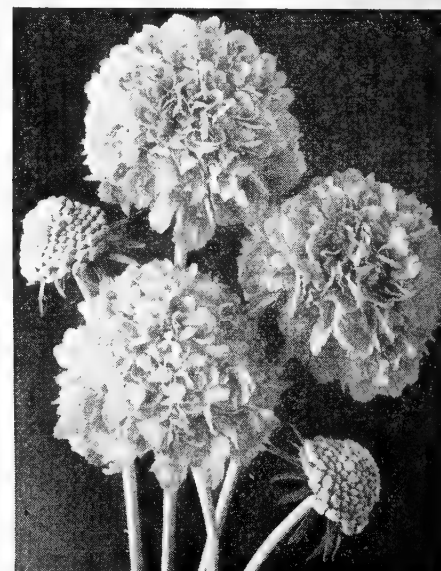
SCABIOSA, Pin Cushion Flower (α)

These beautiful hardy annuals are in great demand. They grow about 2½ feet high and bloom from early in July without interruption until cut down by the frost. As a flower for cutting they are very popular. Seeds should be sown any time in the spring after danger of frost is past.

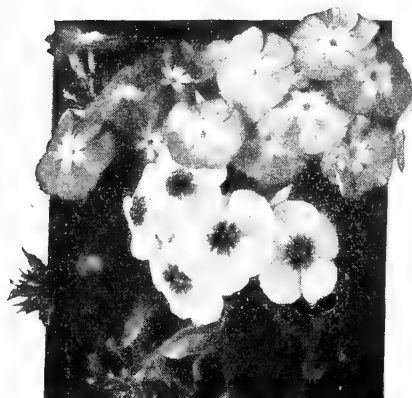
Giant Hybrids Mixed. Pkt. 10c, 1/8 oz. 50c.

SHASTA DAISY

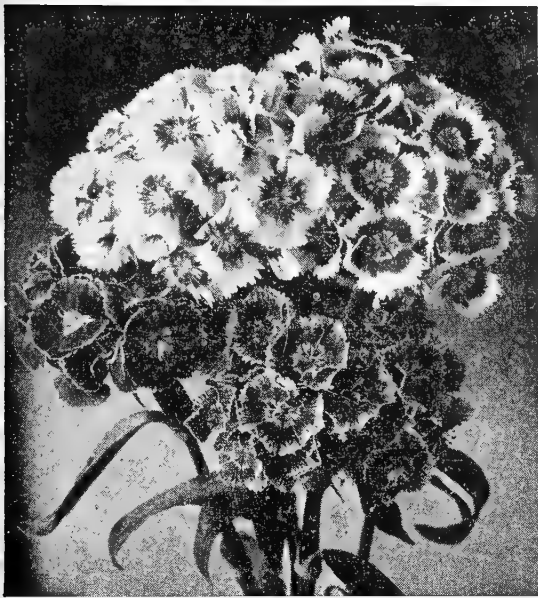
(See Daisy Page 7)



SCABIOSA (PINCUSHION FLOWER)



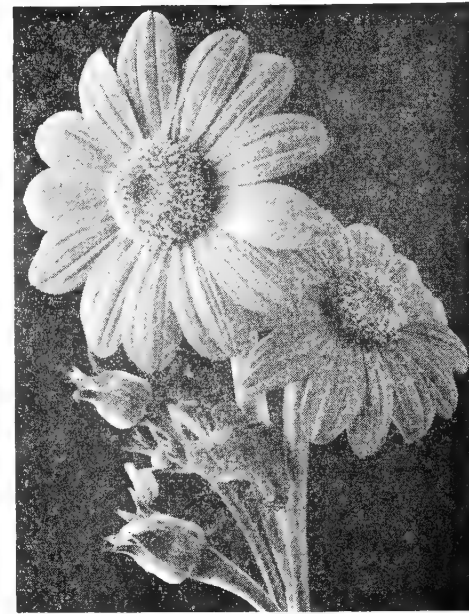
ANNUAL PHLOX



SWEET WILLIAM



SUPER MAJESTIC SNAPDRAGONS



TITHONIA

SNAPDRAGONS ANTIRRHINUM

(Rust Resistant Strains)

Super Majestic Mixture. Grows 18 to 24 growing season. It should be done early inches high, flowers are medium large with close placement on stems and uniformly tapered spikes. A wide range of colors.

Pkt. 25c, 1/16 oz. \$1.00.

SUNFLOWERS

(See Helianthus page 8)

SWEET SULTANS

(See Centaurea page 6)

SWEET WILLIAM

Dianthus Barbatus (a)

A well known, attractive, free-flowering hardy biennial, producing a splendid effect in beds and borders with their rich and varied flowers. Height, 10 to 20 inches.

Single Annual Mixed. Pkt. 10c, 1/8 oz. 50c.

SWEET PEAS

Culture of Sweet Peas

Culture. First and most important, plant as early in the spring as the conditions will permit. Seeds should be sown at the rate of one ounce to 25 feet. Make a trench about 3 or 4 inches deep, planting seeds in the bottom about 2 inches deep, pressing the soil firmly. After the plants are well up, thin to 4 or 5 inches apart and draw the soil around them until the trench is filled above the level. This gives a depth to the roots, preserving the moisture. Keep the ground well worked and water if needed, an occasional soaking down being better than a daily sprinkling. Keep the flowers cut close.

Fall Sowing of Sweet Peas. In warmer climates, fall sowing results in finer blooms, particularly where hot summers prevail and tend to dwarf growth and stunt flowers.



MIXED SPENCER SWEETPEAS

You'll enjoy larger blossoms on longer stems through fall planting. In early October, plant in mellow, enriched soil, inoculating the seed with NITRAGEN before planting. You may trench if you choose, but trenching is not necessary in warmer climates.

SPECIAL MIXTURE SPENCER SWEET PEAS

This is our special mixture and is a blend of the most beautiful colors in Spencer Sweet Peas.

Pkt. 10c, 1/2 oz. 50c.

Straight Colors

Ball's Rose.
Spencer Dark Blue.
Spencer Orange.
Spencer Lavender.
Spencer White.

Pkt. 10c; 1/2 oz. 50c.



TRITOMA (RED HOT POKER)

TITHONIA

(Golden Flower of the Incas)

Sometimes called Mexican Sunflower. We offer only the Speciosa Early Flowering strain. Color orange vermillion, large single flowers, strong heavy growth, attractive late summer and fall bloomer.

Pkt. 10c, $\frac{1}{8}$ oz. 50c.**TRITOMA (Red Hot Poker)**

Red, orange and yellow flowers, in large spear-shaped heads; foliage grass-like; 3 feet; sow March to June; early sowings often bloom first season. Germination period 3 weeks.

Pfizer's Hybrid Red. Large and brilliant. Hybrids Mixed, all shades.

Pkt. 10c, $\frac{1}{8}$ oz. 75c.**VERBENA (a)**

Any garden may have a lavish ground cover or brilliant carpet of color through the use of Verbenas. Location: full sun. Culture: grow in any soil, but added fertility and copious water make them unexcelled.

Hybrida Grandiflora Mixed.Pkt. 10c, $\frac{1}{8}$ oz. 75c.**VINCA, Periwinkle (a)**

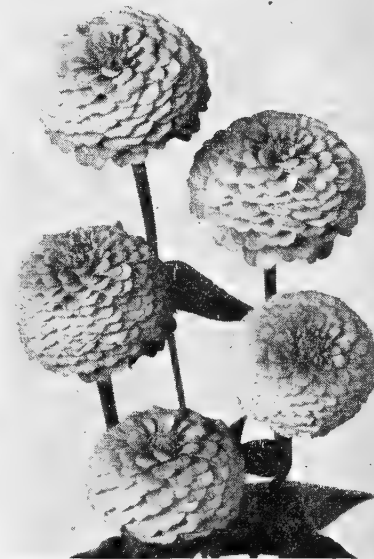
Location: full sun. Culture: any type soil; prospers under adverse conditions.

Large Flowered Mixture. Complete mixture of only the leading varieties.

Pkt. 10c, $\frac{1}{8}$ oz. 50c.**ZINNIAS**

The value of Zinnias as a garden flower is recognized everywhere. Their ease of culture, long blooming season, the wide range of color and varied flower forms, make them one of the most popular of all fall annuals. All the different types are easy to grow. Plant in full sun only. They will come into their best bloom during the hot summer when color is needed in the garden, and last right through until late frosts. In watering, do not wet foliage.

Dahlia Flowered. Height 2-3 feet. Extremely robust branching plants producing enormous double flowers on rigid stems. The center petals in this class tend to incurve, giving the flower a somewhat deeper and fuller effect than the California Giants.

Canary Yellow. A bright clean yellow.**Flaming Scarlet.** Extra large red.**Exquisite.** The best deep rose.**Oriole.** Orange and gold.**Gold Medal Mixed.** Pkt. 10c, $\frac{1}{4}$ oz. 50c.

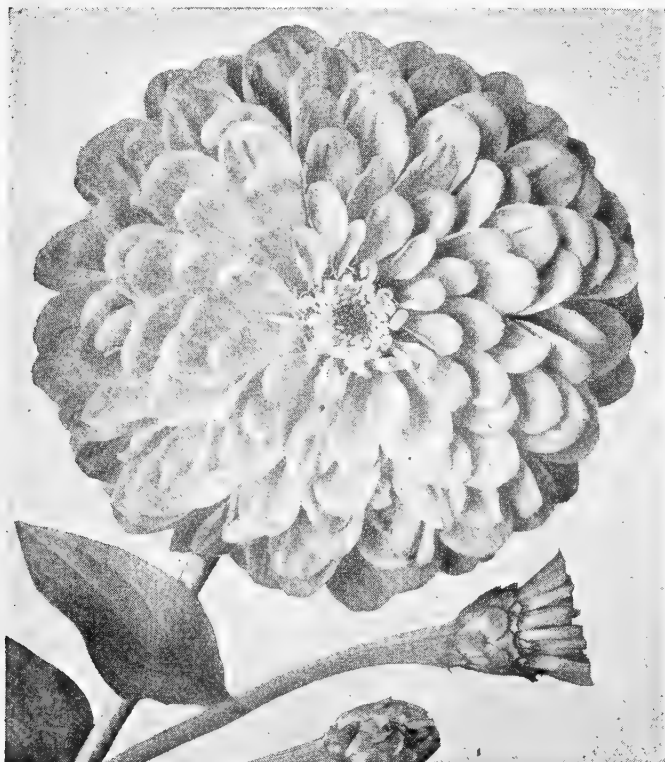
POMPON ZINNIAS

Lilliput or Pompon Zinnias

Grow 12-14 inches high; plants bushy, heavy bloomers. Flowers fully double pompons, in varied colors. Excellent for bedding and low borders; wonderful cutting flower.

Pompon Scarlet Gem.**Pompon Mixed.**Pkt. 10c, $\frac{1}{4}$ oz. 50c.

HYPONEX THE COMPLETE PLANT FOOD



DAHLIA FLOWERED ZINNIAS



VERBENA HYBRIDA GRANDIFLORA



VEGETABLE SEEDS

BEANS

Plant only in warm, well-prepared soil, about 4 inches apart, $1\frac{1}{2}$ -2 inches deep. Under hand cultivation and in poor soil rows may be 18-24 inches apart; in rich fields under horse or tractor cultivation, 30-36 inches. Cultivate only before blooming and never when wet. Pick frequently as pods approach maturity to get full yield. Plant a succession every two weeks to ensure supplies throughout the season. Allow 1 lb. for every 100 feet of row, about 100 lbs. per acre.

DWARF SNAP GREEN PODS

Bountiful 48 days
Very popular Bean for early garden snaps. Plant is vigorous grower and prolific bearer of pods 6 to 7 inches long—straight, broad and thick-flat. Stringless, brittle, tender and of fine quality. Seed straw color.

$\frac{1}{4}$ lb. 15c, 1 lb. 37c, 10-50 lbs. 33c, 100 lbs. 30c
Plentiful 51 days
Classified as a black-seeded Bountiful but matures about 3 days later than Bountiful. Plants strong, vigorous, productive. Pods flat, light green, quite straight, stringless. Seed black.

$\frac{1}{4}$ lb. 15c, 1 lb. 37c, 10-50 lbs. 33c, 100 lbs. 30c

DWARF WAX SORTS

Pencil Pod Black Wax 55 days
Bushy plants about 15 inches high, bear large number of round, thick, stringless pods 6 to 7 inches long, of excellent quality. Many think it the best variety for market and home gardens. Seed black.

$\frac{1}{4}$ lb. 20c, 1 lb. 40c, 10-50 lbs. 35c, 100 lbs. 32c

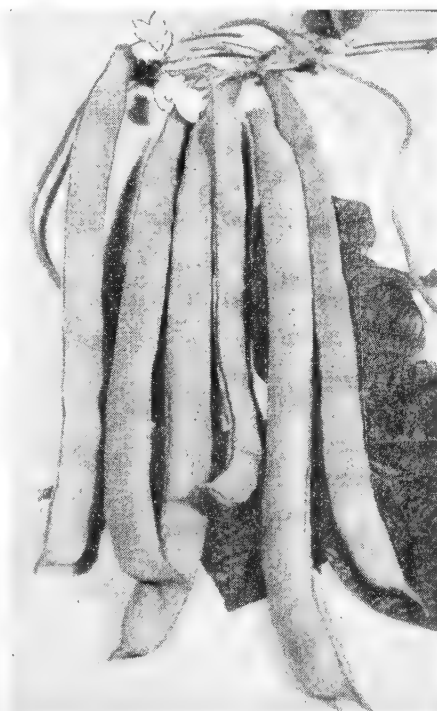
Round Pod Kidney Wax 52 days
Especially fine for home gardens and for canning. Plants of medium size, prolific. Pods $5\frac{1}{2}$ to 6 inches long, round, fleshy, brittle, stringless and of fine quality. Seed white with black eye, kidney-shaped.

$\frac{1}{4}$ lb. 20c, 1 lb. 40c, 10-50 lbs. 35c, 100 lbs. 32c

BEANS—Pole

Kentucky Wonder 65 days
A very popular variety and unexcelled for home and market garden. Excellent climber, heavy producer. Bears green pods in large clusters, nearly round, often reaching 10 inches in length, curved and twisted. Pods are fleshy, brittle, tender and slightly stringy. Seed fawn colored.

$\frac{1}{4}$ lb. 15c, 1 lb. 45c, 10-50 lbs. 40c, 100 lbs. 37c



BEAN, KENTUCKY WONDER

Scarlet Runner 90 days
An old favorite in the New England states. Pods dark green, 5 to 6 inches long, contain 3 to 4 beans half-round, broad, stringy. Valuable as a green shell Bean and for ornamental purposes. Seeds purple splashed with violet.

$\frac{1}{4}$ lb. 15c, 1 lb. 45c, 10-50 lbs. 40c, 100 lbs. 37c
Yard Long 70 days
Similar in appearance to the common Cow Pea used in the South. Pods 8 to 10 inches long, oval in section, fleshy, fiberless and tender with good quality. Seed is red-brown with black circle around the eye.

$\frac{1}{4}$ lb. 25c, 1 lb. 50c, 10-50 lbs. 44c, 100 lbs. 40c

BEANS—Pole Lima

King of the Garden Lima 88 days
Splendid climber, heavy producer. Straight pods, 6 inches long with 4 to 5 beans of good quality. An improved form of Large White Lima. Color of seed white.

$\frac{1}{4}$ lb. 15c, 1 lb. 37c, 10-50 lbs. 33c, 100 lbs. 30c

DWARF OR BUSH LIMA

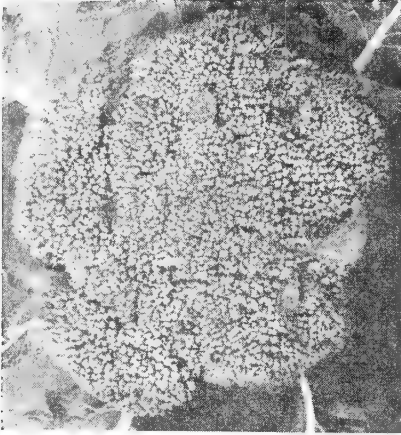
Fordhook Bush (Potato Lima Type) 75 days
Plants strong, erect, bearing pods in clusters of from 4 to 8. Pods measure 4 to $5\frac{1}{2}$ inches long, and contains 3 to 5 large, thick green beans. Seed white.

$\frac{1}{4}$ lb. 20c, 1 lb. 40c, 10-50 lbs. 35c, 100 lbs. 32c

Henderson's (Baby Lima) 65 days
Plant medium large, very productive. Small pods, 3 inches long, contain 3 to 4 green shell beans of very fine quality. Plants bear continuously. Seed white. Bush form of Sieva or Butterbean.

$\frac{1}{4}$ lb. 15c, 1 lb. 37c, 10-50 lbs. 33c, 100 lbs. 30c

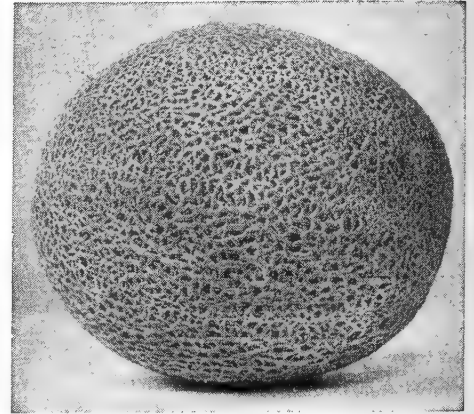
We Strongly Recommend
Vigoro Fertilizer
The Complete Plant Food



BROCCOLI



COPENHAGEN MARKET CABBAGE



CANTALOUPE

BEETS

GARDEN VARIETIES

Detroit Dark Red 58 days
Globe-shaped root, dark blood red color, smooth skin. Flesh uniform in color and remains tender and of highest quality until roots are full grown. Small collar and tap root. Deservedly one of the most popular for home and market garden. shipping and canning. 1 oz. 25c, ¼ lb. 75c, 1 lb. \$2.00, 10-50 lbs. \$1.75, 100 lbs. \$1.50.

Early Wonder, Dark Strain 52 days
A desirable early table Beet. Flattened, globe shape medium collar, tap root and leaves. Bright red skin, vermillion red flesh zoned with lighter red. Sweet, tender. 1 oz. 25c, ¼ lb. 75c, 1 lb. \$2.00, 10-50 lbs. \$1.75, 100 lbs. \$1.50.

BROCCOLI

Italian Green Sprouting 60 days
The best sprouting Broccoli for home and market garden. Erect plant with central large cluster of flower buds which are deep green. Small clusters on the side stems. By successive planting it may be enjoyed right up to freezing weather. 1 oz. 25c, ¼ lb. 75c, 1 lb. \$2.00, 10-50 lbs. \$1.75, 100 lbs. \$1.50.



BEET, DETROIT DARK RED

BRUSSEL SPROUTS

Long Island Improved 90 days
Dwarf, compact, uniform size plants about 20 inches tall. Produces Cabbage-like sprouts 1¼ to 1½ inches in diameter. maturing in succession. One of the most dependable varieties. 1 oz. \$1.10, ¼ lb. \$3.50, 1 lb. \$7.50.

CABBAGE

Copenhagen Market 68 days
Plants compact with short stems and hard, round heads weighing 3 to 4 lbs. Uniform in size and of good keeping qualities. Excellent for early market and early kraut. 1 oz. 60c, ¼ lb. \$1.75, 1 lb. \$4.35, 10-50 lbs. \$3.75, 100 lbs. \$3.25.

Glory of Enkhuizen 77 days
One of the finest second early varieties and a favorite among market gardeners. Heads are large and rounded; 8 to 9 inches in diameter and average 6 to 8 pounds each. Home gardeners desiring a large variety will find this one satisfactory. 1 oz. 60c, ¼ lb. \$1.75, 1 lb. \$4.35, 10-50 lbs. \$3.75, 100 lbs. \$3.25.

Golden Acre 65 days
An extra early Cabbage producing a uniform, round, tightly folded, well balanced head of excellent quality. Heads weigh about 3 lbs., short stem. A fine variety for home and market garden. 1 oz. 60c, ¼ lb. \$1.75, 1 lb. \$4.35, 10-50 lbs. \$3.75, 100 lbs. \$3.25.



MAMMOTH ROCK RED CABBAGE

MISCELLANEOUS VARIETIES

Chinese Cabbage—Wong Bok 80 days
Heads 8 to 10 inches tall, rather broad. Leaves tightly folded, blanching the interior, making it crisp, tender and of delicious quality. Gaining in popularity each year. For salad, slaw and greens. 1 oz. 35c, ¼ lb. 95c, 1 lb. \$2.25, 10-50 lbs. \$1.95, 100 lbs. \$1.75.

Chinese Cabbage—Chihili 75 days
The taller of two popular types. Heads 18 to 20 inches, 4 to 5 inches at base, tapering to tip. The outer leaves dark green, inner white, tender and sweet. 1 oz. 35c, ¼ lb. 95c, 1 lb. \$2.25, 10-50 lbs. \$1.95, 100 lbs. \$1.75.

Mammoth Rock Red 95 days
The largest of the red Cabbages, the round heads weighing 6 to 8 lbs. Intense dark red color. A sure header. 1 oz. 60c, ¼ lb. \$1.75, 1 lb. \$4.35, 10-50 lbs. \$3.75, 100 lbs. \$3.25.

YELLOWS RESISTANT VARIETIES

Marion Market 80 days
A selection of Copenhagen Market. It is 10 days later in maturity than Copenhagen Market, forms a larger plant. Head is nearly round. A very heavy yielder, excellent for kraut. 1 oz. 60c, ¼ lb. \$1.75, 1 lb. \$4.35, 10-50 lbs. \$3.75, 100 lbs. \$3.25.



BRUSSEL SPROUTS

CANTALOUPE**Imperial No. 5**

80 days

This improved strain has almost entirely replaced the older Hale's Best. It is the earliest and deservedly one of the most popular shipping Cantaloupes, oval, sweet and of very fine quality.

1 oz. 30c, ¼ lb. 85c,
1 lb. \$2.50, 10-50 lbs. \$2.25, 100 lbs. \$2.10.

Imperial No. 45

This is a midew resistant strain, heavily netted, and has deep salmon-pink flesh of rich flavor. It is nearly round and a heavy producer.

1 oz. 30c, ¼ lb. 85c,
1 lb. \$2.50, 10-50 lbs. \$2.25, 100 lbs. \$2.10.

CARROT

Chantenay Red Cored (Coreless) 75 days
Roots 5 to 6 inches long, 2 to 2¼ inches thick at the crown. Color deep orange-red. A fine medium early, half-long, stump-rooted Carrot. Core reddish orange.

1 oz. 35c, ¼ lb. 95c,
1 lb. \$2.65, 10-50 lbs. \$2.30, 100 lbs. \$2.10.

Improved Danvers, Half Long 75 days

A beautiful, half-long, tapering, stump-rooted Carrot. Color rich dark orange. Large, smooth, flesh fine texture and very little core. Length 6 inches, diameter 2 to 2¼ inches near crown. Good keeper.

1 oz. 35c, ¼ lb. 95c,
1 lb. \$2.65, 10-50 lbs. \$2.30, 100 lbs. \$2.10.

Oxheart or Guerande 75 days

An excellent second-early sort, for home use or stock feed. Heart shape, 3 to 4 inches long and 2 inches in diameter with bright orange flesh. Easily harvested. Adapted to shallow soils and a good keeper.

1 oz. 35c, ¼ lb. 95c,
1 lb. \$2.65, 10-50 lbs. \$2.30, 100 lbs. \$2.10.

CAULIFLOWER**Early Snowball**

55 days

The standard variety for commercial purposes. Dwarf and compact in growth. Fine, solid, round heads, pure white. A good keeper. Weight of heads, 2 lbs.

1 oz. \$3.75, ¼ lb. \$11.00, 1 lb. \$26.50.

Indian (Patna)

60 days

This hot weather Cauliflower is rapidly gaining popularity among commercial growers and victory gardeners. Fed with Hyponex, it attains a weight of 5 lbs.

1 oz. \$4.00, ¼ lb. \$12.50, 1 lb. \$40.00.



CAULIFLOWER

CELERY**Golden Plume**

115 days

A desirable sort for home and market gardens. It is free from strings and hollow stalks. Semi-dwarf plants, with thick stalks, very full heart and blanches to a beautiful golden yellow. Its attractive appearance and fine quality make it very desirable for market gardeners.

1 oz. \$1.00, ¼ lb. \$3.00, 1 lb. \$8.60.

Tall Utah

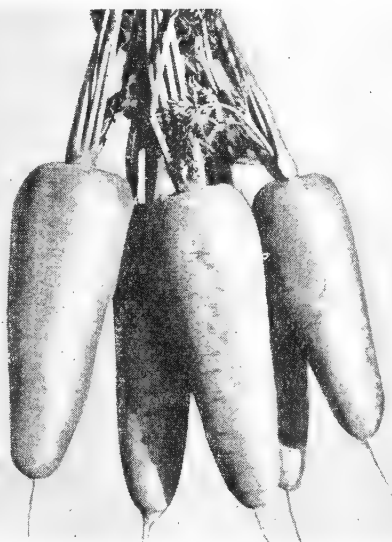
126 days

A green variety recommended for Fall use. Stocky and full-hearted. Stems thick, solid, broad, rounded and of fine quality. The most popular green variety today.

1 oz. \$1.55, ¼ lb. \$3.70, 1 lb. \$10.00.



CELERY

CHARD—See Swiss Chard

CARROT, CHANTENAY RED-CORED

CORN**U.S.D.A. 34**

95 days

The only mosaic resistant Sweet Corn that we know of. Introduced here about 1935, it is by far the best producer and most popular Corn for table use in the Islands.

¼ lb. 40c, 1 lb. 70c, 50 lbs. and over 65c.

CUCUMBER**Straight-8**

63 days

An excellent white spine, slicing variety developed and introduced by Ferry-Morse. It was awarded the All-American Gold Medal in 1935. Desirable for shipping, market garden or home garden trade. The fruit is 8 to 9 inches long and 1¼ inches thick. Ends are rounded. It is very symmetrical, not tapering from either end. The color is dark green in the shipping stage. Plants quite vigorous.

1 oz. 60c,
¼ lb. \$1.75, 1 lb. \$4.50, 50 lbs. and over \$4.00.

Colorado

63 days

An attractive slicing variety for market gardens and for shipping. Fruits dark green, cylindrical, tapering at stem end, small seed area. 8½ inches long, 2¼ inches in diameter. White spine type.

1 oz. 60c,
¼ lb. \$1.75, 1 lb. \$4.50, 50 lbs. and over \$4.00.

HYPONEX
THE COMPLETE
PLANT FOOD

EGGPLANT**Black Beauty**

80 days

An early market variety. Color, jet black. Nearly round in shape, average weight 2 to 3 lbs.; 4 to 6 fruits on a plant. Plants 24 to 30 inches tall.

1 oz. 75c, ¼ lb. \$2.10, 1 lb. \$6.25.

New York Improved Spineless

Fruits a little later and larger than Black Beauty. A popular variety.

1 oz. 75c, ¼ lb. \$2.10, 1 lb. \$6.25.

Ft. Myers Market

80 days

Long, oval fruits of deep purple color and extremely smooth skin. Of considerable resistance to disease and excessive heat as is characteristic of the high bush type.

1 oz. 90c, ¼ lb. \$2.50, 1 lb. \$7.50.



EGGPLANT, NEW YORK IMPROVED

ENDIVE**Broad-Leaved Batavian (Escarrolle)**

Leaves broad and thick and nearly plain.

1 oz. 25c, ¼ lb. 75c, 1 lb. \$2.00.

Green Curled, White Ribbed

95 days

Beautiful, dark green, curly leaves are finely cut, giving the plant a feathery effect. Sturdy growth, producing circular plants often measuring 15 or more inches in diameter. Requires good rich soil. Rich green in color, blanching to creamy white.

1 oz. 25c, ¼ lb. 75c, 1 lb. \$2.00.

GOBO (Burdock)

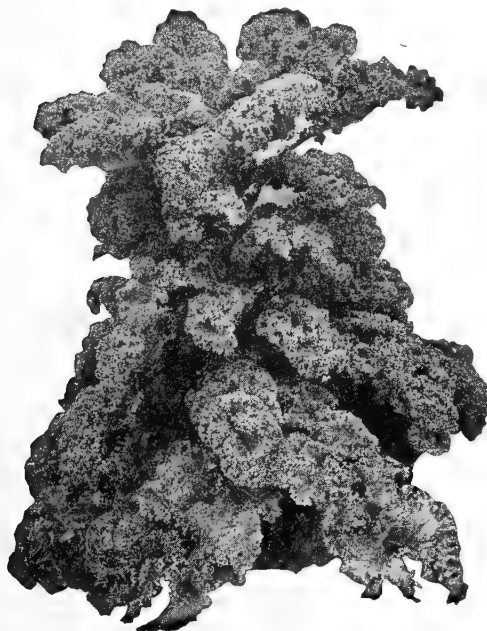
1 oz. \$1.55, ¼ lb. \$3.70, 1 lb. \$10.00.

KALE or BORECOLE**A Non-Heading Variety of the Cabbage Family—For Greens****Dwarf Green Curled** 55 days
Very hardy, productive variety of excellent flavor. Low-growing, compact plants with finely curled, deep yellowish foliage.

1 oz. 25c, ¼ lb. 75c, 1 lb. \$2.00.

Tall Green Curled 60 days
Grows about 2 feet high with an abundance of dark yellowish-green leaves, which are very curly and wrinkled. Quite hardy.

1 oz. 25c, ¼ lb. 75c, 1 lb. \$2.00.



KALE

KOHLRABI

A member of the Cabbage family with an edible, Turnip-like bulb growing above ground. More delicate in flavor than Turnips.

Early Purple Vienna 60 days
Small plants with purple-stained, dark green leaves. Fattened, globe-shape bulbs, which should be eaten when about 2 inches in diameter. Skin purple. Flesh white, mild, crisp and tender.

1 oz. 60c, ¼ lb. \$1.75, 1 lb. \$4.35.

Early White Vienna 55 days
White bulbs, tinged with green. Small leaves. Tops 8 to 10 inches long. Flesh white, of delicate flavor. A desirable sort for forcing. Eat bulbs when about 2 inches in diameter.

1 oz. 60c, ¼ lb. \$1.75, 1 lb. \$4.35.

LEEK**Large American Flag** 115 days
Quick, strong growth, producing long stems of uniform shape and size, 2 inches through and 10 inches long. They blanch beautifully white and are of mild flavor. The Leek is closely allied to the Onion, but milder in flavor. Used mainly in flavoring soups.

1 oz. 25c, ¼ lb. \$2.10, 1 lb. \$6.25.

LETTUCE

LETTUCE, GREAT LAKES

Great Lakes 82 days

All-American award in 1943. Especially adapted to warm weather, heads nicely, similar in appearance to Imperial types. This variety now proved in Hawaii, grows well in our climate, especially Summer planting.

1 oz. 90c,
¼ lb. \$2.50, 1 lb. \$7.50,
50 lbs. and over \$6.65.**Imperial No. 615** 86 days
A strain of No. 152 which does not develop suckers, used for Winter cropping.1 oz. 55c, ¼ lb. \$1.65,
1 lb. \$3.75, 50 lbs. and over \$3.35.**Imperial No. 44** 82 days
A development from Imperial No. 152. Heads better in Hawaii. It is less subject to tip burn. Hard, well-formed heads with long leaves.1 oz. 55c, ¼ lb. \$1.65,
1 lb. \$3.75, 50 lbs. and over \$3.35.**Imperial No. 847** 84 days
A brown-blight-resisting variety which stands up in Summer weather and resists tip burn. Medium large, hard heads well covered by outer leaves. Black seed.1 oz. 55c, ¼ lb. \$1.65,
1 lb. \$3.75, 50 lbs. and over \$3.35.**Imperial No. 152** 80 days
Of the New York type, with solid, firm, medium heads and resistant to brown blight.1 oz. 55c, ¼ lb. \$1.65,
1 lb. \$3.75, 50 lbs. and over \$3.35.**Mignonette (Commonly known in Hawaii as Manoa Lettuce)** 67 days
Leafy, with very small head but does well in Summer where other types will not grow.1 oz. 55c, ¼ lb. \$1.65,
1 lb. \$3.75, 50 lbs. and over \$3.35.**Manoa Special (Green Mignonette)** 60 days

This is an improved type which became very popular during the last five years. Heads larger than Mignonette. Is the best warm weather Lettuce so far found but may be replaced by Great Lakes.

1 oz. 60c, ¼ lb. \$1.75,
1 lb. \$4.00, 50 lbs. and over \$3.75.**MUSTARD****Florida Broad Leaf**

A vigorous, large leaf variety that grows fast but stands longer than most varieties before bolting to seed. The leaves are large, yellowish-green in color; nearly smooth without fringing. The midrib is a lighter shade of green.

1 oz. 25c, ¼ lb. 65c,
1 lb. \$1.50, 10-50 lbs. \$1.25.**Chinese Broad Leaf** 35 days
Large smooth leaf, tender and mild. Very popular throughout the Islands.1 oz. 25c, ¼ lb. 65c,
1 lb. \$1.50, 10-50 lbs. \$1.25.**Shakushina**

Known as spoon Cabbage. A quick growing variety, particularly suited to Hawaiian climate. Leaves oblong, thick, smooth, dark green with white ribs. Slow to seed.

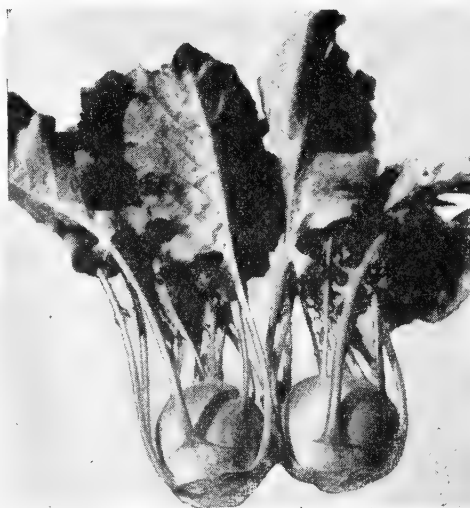
Trade pkt. 50c.

Kai Choy (Also known as Chinese Green Mustard Cabbage)

A tall, vigorously growing sort with large green, slightly crumpled leaf and has a mildly pungent flavor. Trade pkt. 50c.

Pak Choy (White Mustard Cabbage)

Quick growing variety particularly suited to local climate. Leaves oblong, thick, smooth dark green with white ribs. Most useful all-purpose green. Trade pkt. 50c.



KOHLRABI

WE RECOMMEND**VIGORO**

The Perfect Plant Food



COSMOS PINKIE

Improved Varieties of Flowers for Your Gardens

NEW COSMOS

PINKIE. Huge flowers of a beautiful shade of pink. These improved Cosmos are so superior to the old ones that you'll marvel at their beauty. Flowers in 90 days from seed. **Pkt. 10c.**

DAZZLER. Beautiful large blooms of rich, deep crimson. You'll enjoy all-summer bloom from this fine All-America winner. **Pkt. 10c.**



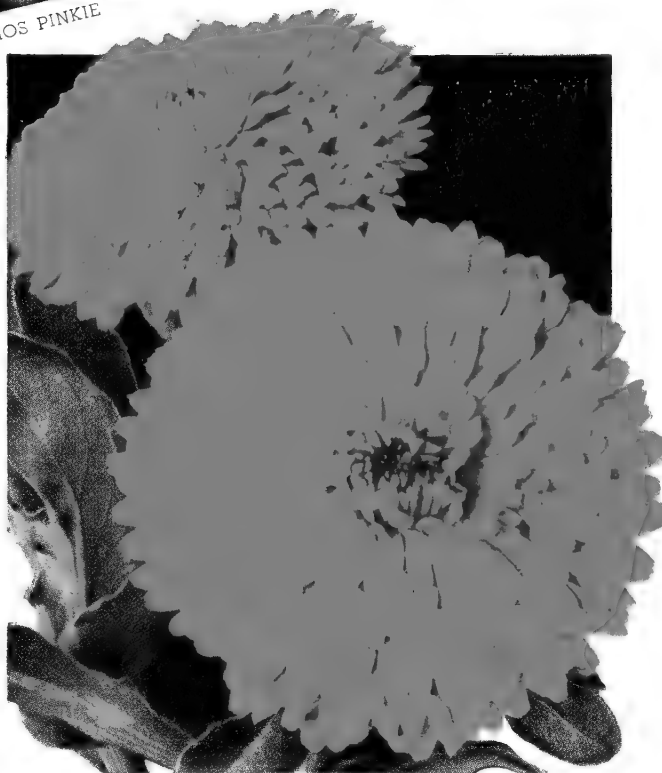
COSMOS SENSATION DAZZLER

PHLOX ART SHADES

(See below)

Large flowering annuals of the very finest shades. Soft pinks, deep reds, royal purples, white, yellows and blues make up this delightful NEW mixture of free-flowering annuals. Height 12 to 18 inches.

Pkt. 10c.



CALENDULA CAMPFIRE

CALENDULA CAMPFIRE

One of the loveliest of the Calendulas. Dark orange color with scarlet sheen. Large flower. **Pkt. 10c.**

TITHONIA FIREBALL

New variety of dazzling scarlet. Very showy. **Pkt. 10c.**

PETUNIA GIANTS OF CALIFORNIA

Beautiful ruffled flowers of immense size and texture.

This improved strain flowers freely all summer long.

Pkt. 50c.



PETUNIA GIANTS OF CALIFORNIA



PHLOX ART SHADES



TITHONIA

Gladiolus

A FAVORITE IN HAWAII'S GARDENS

Gladiolus grow well here the year round

ALGONQUIN. The best scarlet glad. Shows 8 to 10 wide open florets on stout spikes.

BAGDAD. This very popular glad always commands attention. It is smoky old-rose, lighter in the throat and deeper toward the edge of petals.

CORONA. Cream white in the center, shading lighter with petals edged rose-pink.

J. S. BACH. Lovely large flowers of salmon-red with lighter shading in the throat. 8 to 10 well placed flowers open at one time.

KING LEAR. The huge ruffled flowers are purple with a suffusion of red—a delightful and pleasing color. The spikes are tall and the flowers are very large.

MAID OF ORLEANS. This is one of the best white glads with a soft cream shade in the center. The well shaped flowers are particularly well placed on the long stems.

MARGARET BEATON. Broad glistening white flowers with a brilliant scarlet throat, a grand and beautiful glad.

MINUET. A well known and popular lavender that is used extensively as a cut flower. Sometimes it has as many as 7 to 9 flowers open at one time.

PELEGRINA. An attractive deep blue-violet when fully open. The tall straight spikes show many open flowers and blackish blue buds to the tip.

PICARDY. The finest glad in its color class. The soft shrimp pink flower has a blotch of flesh-pink shading to shrimp at the edges. Large wide open flowers on strong straight stems.

ROSA VAN LIMA. A lovely light pink flower shading deeper in the throat. It grows quite tall with many open flowers and strong stems. A very good cut flower glad.

PRICES:

Postage Prepaid in Hawaiian and Marianas Islands.

6 for	\$.75
12 for	1.25
50 for	4.50
100 for	8.00

Each Variety Labeled Separately.



ALGONQUIN



ROSA VAN LIMA

All-time Favorites

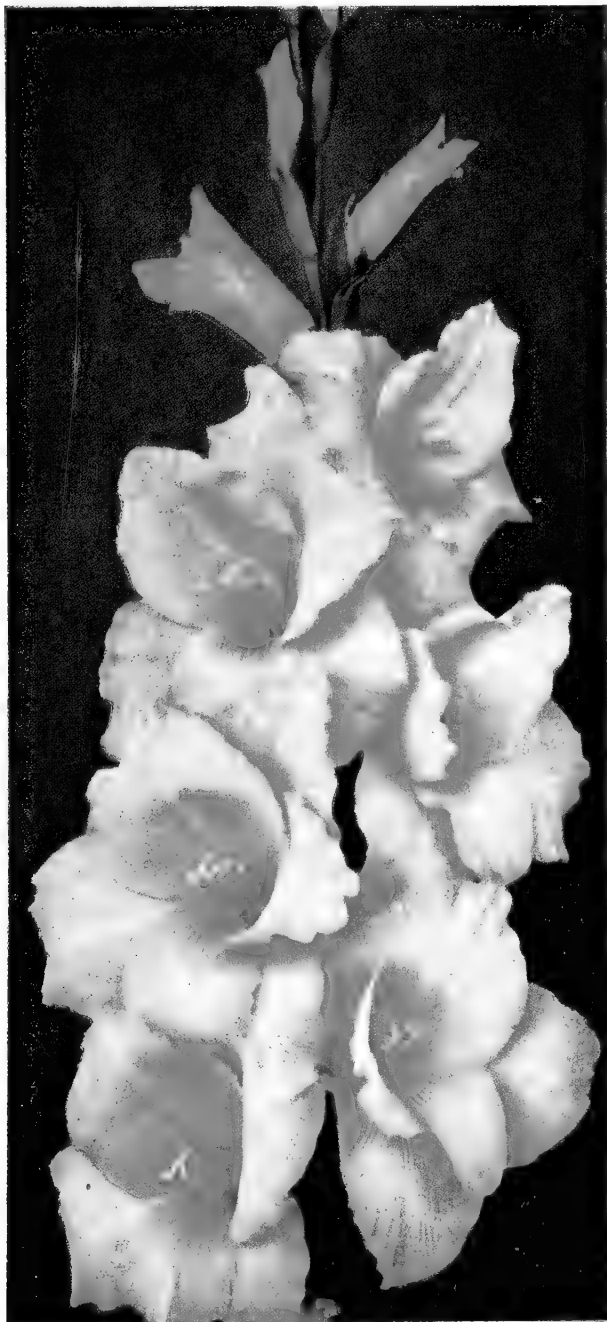
Choice varieties for new and old Gardens

Mixed and Straight Color Glads Commercial Size

These are the same bulbs we sell to the large commercial flower growers.

They are packed in a very attractive lithographed box and make a very acceptable gift. You will find them for sale in all the best stores throughout Hawaii.

If your dealer cannot supply you, we will mail you a box of 20 bulbs for \$1.75. Postpaid.



PICARDY

Each January we import quantities of Dahlia bulbs. We strive to import the latest and most popular varieties along with the old standbys. Dahlia bulbs are usually in stock and should be planted during January through April. Write in early for a descriptive list and prices.



MINIATURE
DAHLIAS

Two Great Favorites in Hawaii's Best Gardens Zinnias

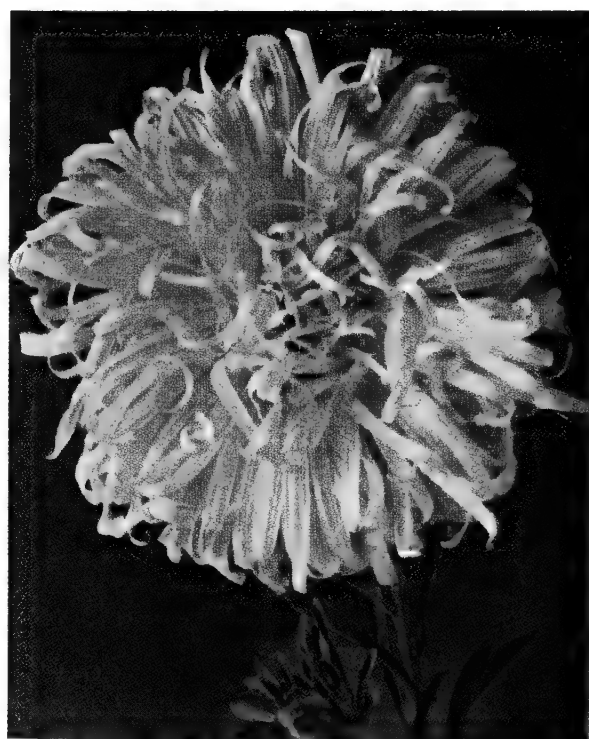
Zinnias are one of the most effective of all summer flowers, offering an assortment of color range, sizes and types found in few flowers. They are most effective for bedding and for cut flowers. From the small pompon types to the large giant flowering varieties, they provide a wealth of color and bloom.



Giant CREGO ASTERS

Crego Asters are wilt resistant and, therefore, among the best for the home garden. Flowers are large, fine for cutting and graceful in form with their twisted and curled center petals. Selection of six lovely colors. **Pkt. 10c.**

Asters



DAHLIA FLOWERED ZINNIAS

Gold Medal Dahlia Flowered Zinnias grow to medium height, 2½'-3', very robust, bearing strong stems of the fully double, huge flowers which resemble the show type of Dahlia.

Canary Bird. Rich canary yellow.

Exquisite. Light rose, deep rose center.

Oriole. Orange and gold.

Scarlet Flame. Bright scarlet.

Gold Medal. Finest Mixed.

LILLIPUT or POMPON ZINNIAS

Scarlet Gem

Finest Mixed

Trade Packet 10c, ⅛ oz. 50c, ¼ oz. 85c,
1 oz. \$3.00, postpaid.

OKRA

Extra Early Dwarf Green 50 days
This plant grows about 2 feet high with many branches. The large green, tender pods are thickly set on the plant. Pods 5 to 7 inches long. 1 oz. 20c, ¼ lb. 35c, 1 lb. 95c.

Mammoth Long Green Podded 55 days
A very large plant, growing 3 to 4 feet high in Hawaii and covered with deep dark green pods frequently 7 to 8 inches long, ribbed and tapered. 1 oz. 30c, ¼ lb. 35c, 1 lb. 95c.

ONION

Bermuda, Light Yellow Skin 92 days
This variety has a light yellow or straw colored skin with white flesh. Used extensively in the South, especially in the Onion growing districts of Texas. A flat, thin necked Onion of very mild and pleasant flavor. Early and uniform in maturity. 1 oz. 90c, ¼ lb. \$2.50, 1 lb. \$7.50.

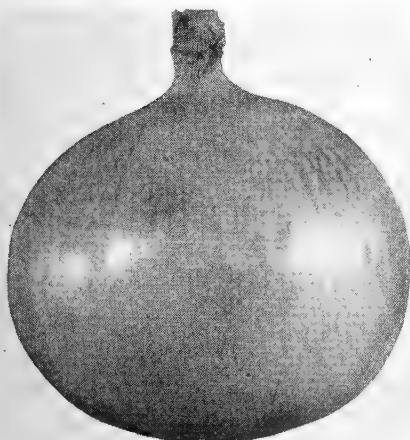
Sweet Spanish—Utah Strain 110 days
A large, globular, yellow variety of Spanish origin. Golden yellow skin and white, very sweet flesh. Excellent for shipping and Fall storage. 1 oz. \$1.55, ¼ lb. \$3.70, 1 lb. \$10.00.

White Portugal, or American Silver Skin 100 days
A white Onion used widely for sets, pickling Onions, mature bulbs and bunching Onions. Medium size flat, deep, pure white bulbs with white, fine-grained flesh. 1 oz. 90c, ¼ lb. \$2.50, 1 lb. \$7.50.

Evergreen White Bunching
This is a special seed grown for us in Connecticut. Pronounced by growers who have tried it here in Hawaii as a very fine variety of Onion for bunching. Does well on all Islands. 1 oz. \$1.55, ¼ lb. \$3.70, 1 lb. \$10.00, 10-50 lbs. \$9.00.

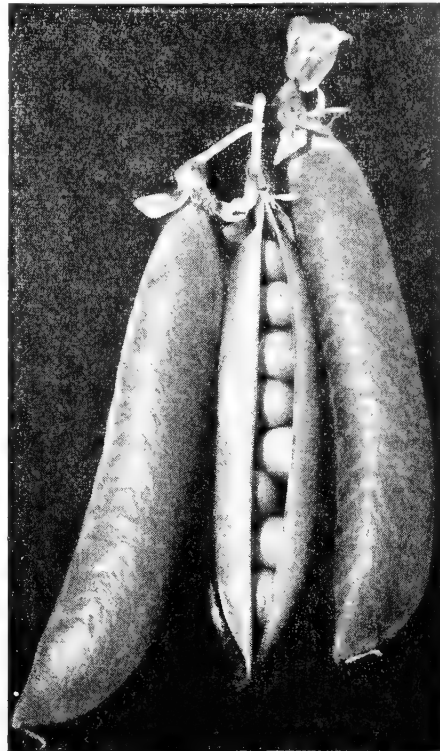
PARSLEY

Dark Moss Curled 70 days
This is a vigorous growing, compact, productive sort. Leaves are very dark green in color, finely cut and so thickly curled that a plant resembles a bunch of moss. A home and-market garden variety, excellent for garnishing and decoration. 1 oz. 20c, ¼ lb. 40c, 1 lb. \$1.15.



ONION, SWEET SPANISH

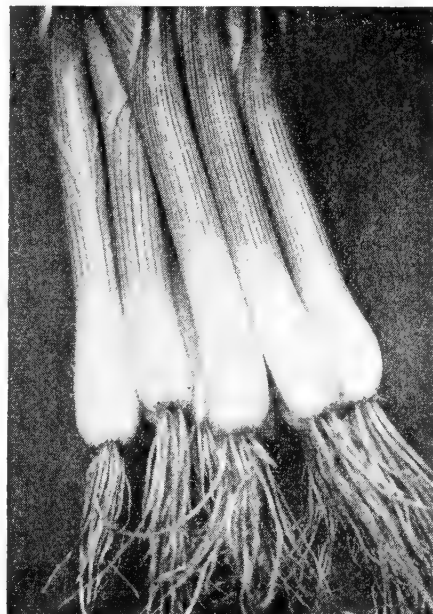
Chinese Parsley 70 days
Although known in Hawaii as Chinese Parsley, this is actually Coriander. 1 oz. 30c ⅛ ¼ lb. 50c, 1 lb. \$1.65.



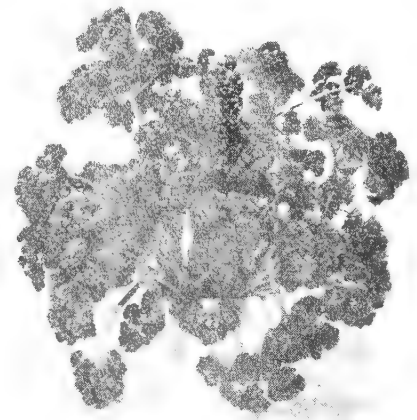
PEA, ALDERMAN POLE

PARSNIP

Improved Hollow Crown, or Guernsey 95 days
The standard variety. Long white roots, tender, sugary. Roots 12 to 15 inches long, 3 inches thick at shoulder. Tapered and smooth. 1 oz. 25c, ¼ lb. 75c, 1 lb. \$2.00.



WHITE BUNCHING ONIONS



DARK MOSS CURLED PARSLEY

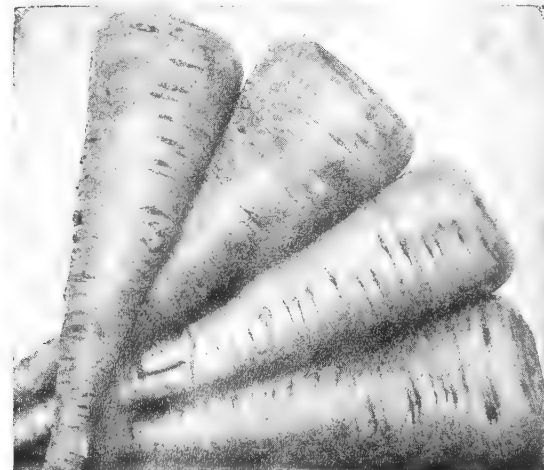
PEAS

Melting Sugar, Edible Pod 75 days
Vines 4 to 5 feet. Similar to the gray seeded variety in growth. Should be broken and cooked, pods and all, like Snap Beans. White seed. ¼ lb. 15c, 1 lb. 35c, 10-50 lbs. 34c.

Dwarf Gray Sugar, Edible Pod 65 days
Vines 24 to 30 inches high with an abundance of medium-sized sweet and tender pods, seed gray mottled in appearance. To be prepared for the table in the same manner as Snap Beans. ¼ lb. 15c, 1 lb. 35c, 10-50 lbs. 34c.

Maule's Giant Sugar, Edible Pod 75 days
Plant is similar to Mammoth Melting. Used for home and market gardens. Resistant to Fusarium wilt. Plant is light green and coarse. Pods are single, 7/8 inch wide, light green, blunt, straight, indented and 5 inches long. Seed is round and gray. ¼ lb. 15c, 1 lb. 35c, 10-50 lbs. 34c.

Alderman Pole 75 days
A giant-podded variety of the "Telephone" group. Vines 4½ to 5 feet tall, dark green. Pods dark green, tapered, 4½ to 5½ inches long, 7/8 inch wide and contain 8 to 10 peas. Recommended for home and market gardens and shipping. ¼ lb. 15c, 1 lb. 35c, 10-50 lbs. 34c.



IMPROVED HOLLOW CROWN PARSNIP

PEPPER

California Wonder 75 days
The most popular, widely used and finest of the mild flavored large Peppers. Fruits four-lobed, when young, 4½ inches long, 4 inches in diameter. Has very thick walls, the green changing to a crimson when ripe. Excellent for shipping, home or market gardening. 1 oz. 75c, ¼ lb. \$2.10, 1 lb. \$1.65.

World Beater, Selected Strain 75 days
A very excellent second early variety. It was selected from a cross between Chinese Giant and Ruby King. Fruits are large, four-pointed, thick walled. The color is dark emerald green. Plants thrifty, vigorous and heavy producers. This variety is very popular as a shipping variety.

1 oz. 75c, ¼ lb. \$2.10, 1 lb. \$6.25.

PUMPKIN

Japanese Pie 108 days
Earlier and larger than the Cushaws but resembles them in shape. Dark green skin with lighter green stripes. Good quality, deep yellow flesh. Weight, about 12 lbs. Seeds have unique markings. A good variety for canning and stock feed.

1 oz. 30c, ¼ lb. 85c, 1 lb. \$2.00.

Kentucky Field 118 days
A standard large Pumpkin for pies and for stock food. Large, round, flattened, with broad ribs. Size 12 by 7 inches. Skin creamy buff. Flesh is yellow, fine grained and very thick. The standard variety for canning.

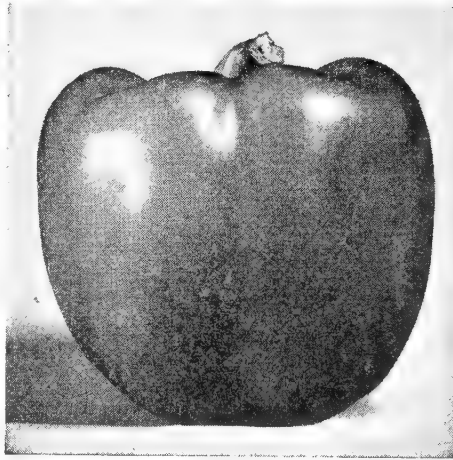
1 oz. 30c, ¼ lb. 85c, 1 lb. \$2.00.

King of the Mammoths 118 days
This is the largest Pumpkin, often weighing 75 to 100 lbs. Productive and of fine feeding value. Grown largely for stock food but is also much used for pies. Fruits round, flattened and slightly ribbed. Skin yellow and mottled with salmon orange; flesh deep yellow and very thick. Size 24 by 18 inches.

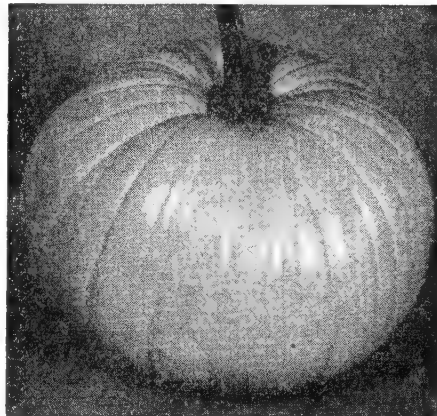
1 oz. 40c, ¼ lb. \$1.15, 1 lb. \$2.50.

Connecticut Field 115 days
A large, rich, smooth, orange yellow Pumpkin, used extensively for canning, very popular for pies and excellent for stock feed. Grown largely in Corn fields. Shape slightly oval. Can be grown anywhere.

1 oz. 30c, ¼ lb. 85c, 1 lb. \$2.00.



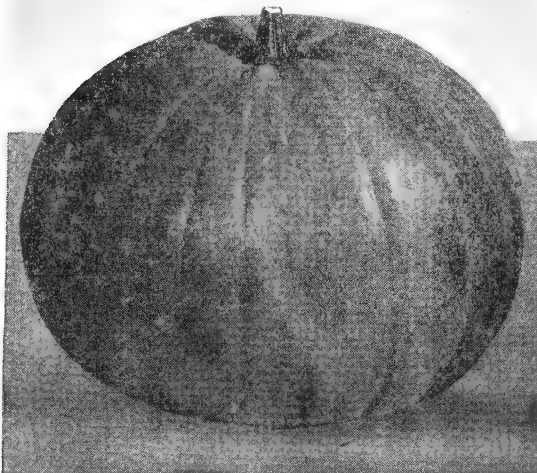
PEPPER, CALIFORNIA WONDER



PUMPKIN CONNECTICUT FIELD



ICICLE RADISHES



PUMPKIN, KING OF THE MAMMOTHS

RADISH

California Mammoth White 55 days
Largest of all Winter Radishes and a favorite with the Chinese gardeners in California. Root grows 8 inches long and 2 to 3 inches in diameter. Pure white skin and flesh. May be used in all stages of growth. Flesh is solid, crisp and mildly pungent.

1 oz. 20c, ¼ lb. 40c,

1 lb. \$1.35, 10-50 lbs. \$1.25, 100 lbs. \$1.05

White Icicle 30 days
Roots 5 to 6 inches long and 1 inch thick. Pure white, with small tops. Usually marketed when about ½ inch in diameter. Equally suitable for outdoor planting or forcing under glass. The most popular white home garden variety.

1 oz. 20c, ¼ lb. 40c,

1 lb. \$1.35, 10-50 lbs. \$1.25, 100 lbs. \$1.05.

Chinese White Winter (Celestial) 60 days
Roots large, 8 inches long, 2½ to 3 inches in diameter, cylindrical, with heavy shoulder, flesh white, crisp, rather mild in flavor.

1 oz. 20c, ¼ lb. 40c,

1 lb. \$1.35, 10-50 lbs. \$1.25, 100 lbs. \$1.05.

Chinese Turnip 45 to 50 days
A popular all-weather Radish. Roots are 4 to 5 inches long, 2 inches in diameter with blunt ends. Leaves are smooth and the taste is mild.

1 oz. 20c, ¼ lb. 40c,

1 lb. \$1.35, 10-50 lbs. \$1.25, 100 lbs. \$1.05.

Early Scarlet Globe 24 days
A sort which is equally valuable for outdoor planting and for forcing. Roots are of the broad-olive shape. At ¾ inch in diameter it is at its best. Small tops. Skin bright scarlet. Flesh white and crisp.

1 oz. 20c, ¼ lb. 40c,

1 lb. \$1.35, 10-50 lbs. \$1.25, 100 lbs. \$1.05.

Crimson Giant
An early Summer variety. This round Radish grows to a large size and remains in good condition for a long time.

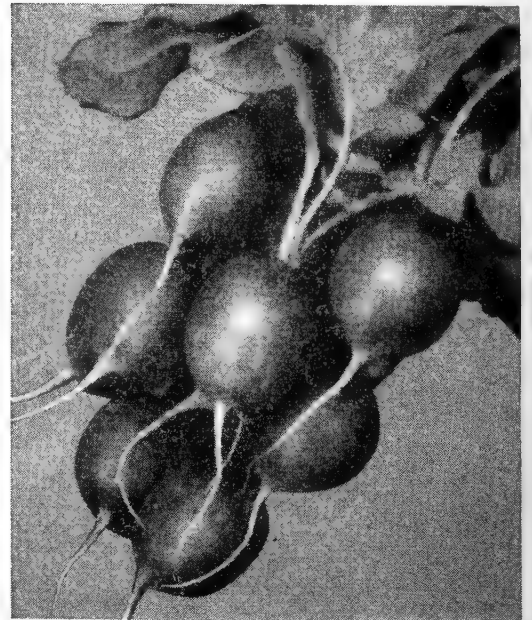
1 oz. 20c, ¼ lb. 40c,

1 lb. \$1.35, 10-50 lbs. \$1.25, 100 lbs. \$1.05.

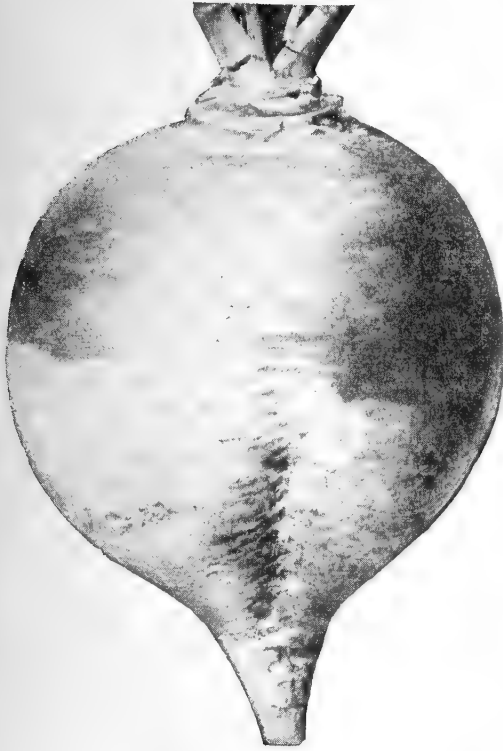
Sparkler 25 days
Similar to Early Scarlet Globe but with a large white area around tip. Top small, remains solid, crisp and sweet even when fully developed.

1 oz. 20c, ¼ lb. 40c,

1 lb. \$1.35, 10-50 lbs. \$1.25, 100 lbs. \$1.05.



EARLY SCARLET GLOBE RADISH



RUTABAGA

RUTABAGA

American Purple Top 90 days
The standard variety grown for home use, market and storage. Roots large and globular, deep purplish red above ground, light yellow below, with medium short neck. Flesh a creamy yellow, of finest texture and flavor. A good yielder and keeper.

1 oz. 20c, ¼ lb. 35c, 1 lb. 80c.

SPINACH

New Zealand 70 days
The variety which endures heat and hence is an ideal variety for Summer use. It thrives in almost all soils. The leaves are comparatively small, broad and pointed, but the plant is large and spreading. The tender, leafy shoots may be cut throughout the Summer. This plant is not a real member of the Spinach family. Seeds large, irregular.

1 oz. 35c, ¼ lb. 85c, 1 lb. \$2.25.

Prickly Winter 45 days
Plants large, vigorous and hardy. Leaves thick, medium sized, dark green. Usually planted in the Fall in the Southwest. Seeds prickly.

1 oz. 20c, ¼ lb. 40c, 1 lb. \$1.00.

SQUASH—Summer Varieties

Benning's Green Tint 55 days
A green tinted scallop Squash, warted and turning yellowish-buff at maturity.

1 oz. 30c, ¼ lb. 85c, 1 lb. \$1.90.

Giant Summer Crookneck (Bush) 55 days
A Summer sort for home market garden and shipping. Large fruits, 18 to 24 inches.

1 oz. 30c, ¼ lb. 90c, 1 lb. \$2.00.

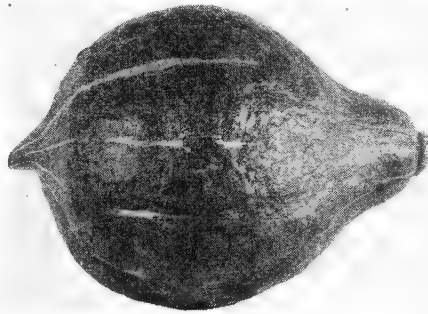
Black Zucchini 62 days
Developed from Italian Marrow; notably popular in the West and South. Fruits 5-6 lbs, cylindrical, long, smooth, dark green-black, flesh greenish white at eating stage and of good flavor.

1 oz. 30c, ¼ lb. 90c, 1 lb. \$2.00.

SQUASH—Winter Varieties

Banana 110 days
Cylindrical fruits, usually 20 to 24 inches long and 6 inches in diameter. The skin is smooth and greenish gray, with thin, brittle rind. The orange-yellow flesh is firm and solid, free from fiber or stringiness and of delicious flavor. Excellent for pies. Very productive.

1 oz. 30c, ¼ lb. 90c, 1 lb. \$2.00.



BLUE HUBBARD SQUASH

Blue Hubbard 110 days
The Blue Hubbard is a distinct variety resembling the True Original Hubbard in size and shape, but the color is a clear blue gray. Flesh is bright yellow, thick, fine grained, very dry and sweet. Splendid for pies. A good keeper.

1 oz. 40c, ¼ lb. \$1.15, 1 lb. \$2.50.

Table Queen, Des Moines or Acorn 58 days

An excellent table Squash. The fruits are of good size and half of one, baked, serves one person amply. The shell is smooth, and



RHUBARB CHARD

dark green, deeply furrowed, keeping as well as the Hubbards. Flesh is rich orange-yellow, cooking as dry and sweet as a Sweet Potato. An enormous yielder, a few hills furnishing an ample supply for a good-sized family.

1 oz. 30c, ¼ lb. 90c, 1 lb. \$2.00.

SWISS CHARD

Dark Green, White Ribbed 50-55 days
Leaves ready for use in about 7 weeks—and thereafter until frost. A popular variety for home and market garden. Grows about 24 inches tall. The leaves grow large and upright and as the outer leaves are cut more come from the center. The midrib or center stem of each leaf is large and almost white. After trimming it can be cooked and served like Asparagus. The leaf part is cooked like Spinach or Turnip greens.

1 oz. 25c, ¼ lb. 65c, 1 lb. \$1.70.

Rhubarb Chard 60 days
A delicious vegetable, possessing such beauty that it may well be used in flower borders and frequently is seen, both leaves and stalk, in flower arrangements. It is, as a tasty cooked vegetable that it has won its greatest fame. The bright, translucent, crimson stalks alone may be used, or only the green leaves cooked separately, or both together. Either way, you have a delicious cooked vegetable treat in store for you. Grows to maturity in 60 days.

1 oz. 80c, ¼ lb. \$2.00, 1 lb. \$7.50.



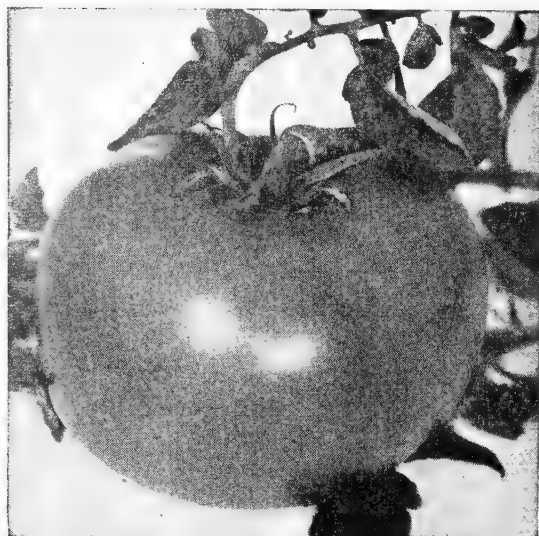
BLACK ZUCCHINI



SQUASH, TABLE QUEEN



SQUASH, GIANT SUMMER CROOKNECK



PRITCHARD TOMATO

TOMATO

Break O'Day 70 days
A variety developed by the U. S. Dept. of Agriculture. Fruits scarlet, globe-shaped, very solid. Borne in clusters on rather open vines. Excellent shipper. Disease resistant. Free from cracking. Pkt. 10c, 1 oz. \$1.25.

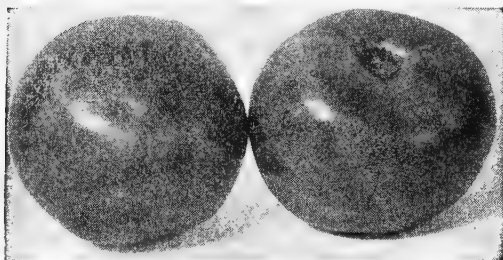
Pritchard (Wilt Resistant) 78 days
A second early, scarlet-fruited variety. Disease-resistant. Vigorous and productive. Similar to Marglobe. Vine shorter, fruit slightly flatter. Interior color bright scarlet. Pkt. 10c, 1 oz. \$1.25.

San Marzano (Improved King Humbert) 80 days
A small-fruited variety used for canning solid pack and for puree, also for preserves. Plant medium, rather open, very prolific. Fruits largely rectangular. 3½ inches long by 1½ inches, two celled, borne in clusters, deep red, with little juice and of very mild flavor. Pkt. 10c, 1 oz. \$1.30.

Valiant 75 days
Vigorous growing plants. Prolific bearer; deep red large fruit, fairly thick skin. Pkt. 10c, 1 oz. \$1.25.

Bounty 61 days
Plants are small and suitable to close planting. Self pruning type well adapted to dry climate. Scarlet fruit—smooth, deep and remarkably free from stem cracks. Very popular in all Hawaiian Islands. Pkt. 10c, 1 oz. \$1.30.

Rutgers 78 days
A popular commercial variety. It can withstand long distance shipping. Size of fruit runs from 6½ to 7½ ounces. Globular in



BREAK O'DAY TOMATO

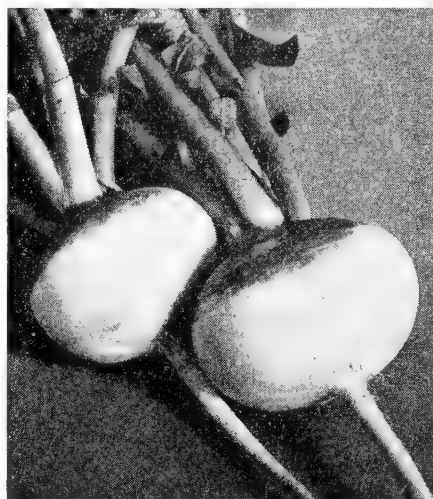
shape, slightly flattened, smooth, bright red with heavy walls and small cells. Plant is vigorous, heavy and wilt-resistant to a high degree. Pkt. 10c, 1 oz. \$1.25.

TURNIP

Purple Top White Globe 57 days
The most popular variety for general planting. Roots round, 5 to 6 inches in diameter. 1 oz. 20c, ¼ lb. 50c, 1 lb. \$1.25.

Shogoin or Japanese Foliage 42 days
Adapted to table use for roots and greens. Quick growing and supplies large, edible leaves and round, white roots. Flesh is white, and of excellent quality. Leaves 18 inches, bright green. 1 oz. 20c, ¼ lb. 50c, 1 lb. \$1.25.

Yellow Aberdeen 75 days
Very hardy and productive. Excellent for table use. Keeps well. 1 oz. 20c; ¼ lb. 50c, 1 lb. \$1.25.



TURNIP, PURPLE TOP WHITE GLOBE

WATERMELON

Kleckley's Sweet No. 6 90 days

A fusarium wilt-resistant variety of high quality developed by Dr. J. J. Wilson of the Iowa Experiment Station. Large, cylindrical fruits, dark bluish green, with bright red, tender, sweet flesh. Seed creamy with brown traces. 1 oz. 25c, ¼ lb. 70c, 1 lb. \$1.75.

Tom Watson 90 days

Considered by many to be the peer of shipping Melons. Oblong in shape, averaging 20 inches long by 10 to 12 inches in diameter and weighing 35 to 40 lbs. The skin is deep green. Flesh is red and the seeds brown. 1 oz. 25c, ¼ lb. 70c, 1 lb. \$1.75.

Dixie Queen 85 days

Shipping type with thin tough rind. Prolific and of excellent quality. Fruits oval-round, light green with dark green stripes, weigh about 30 lbs. Bright red, crisp flesh, with only few small white seeds. 1 oz. 30c, ¼ lb. 85c, 1 lb. \$2.00.

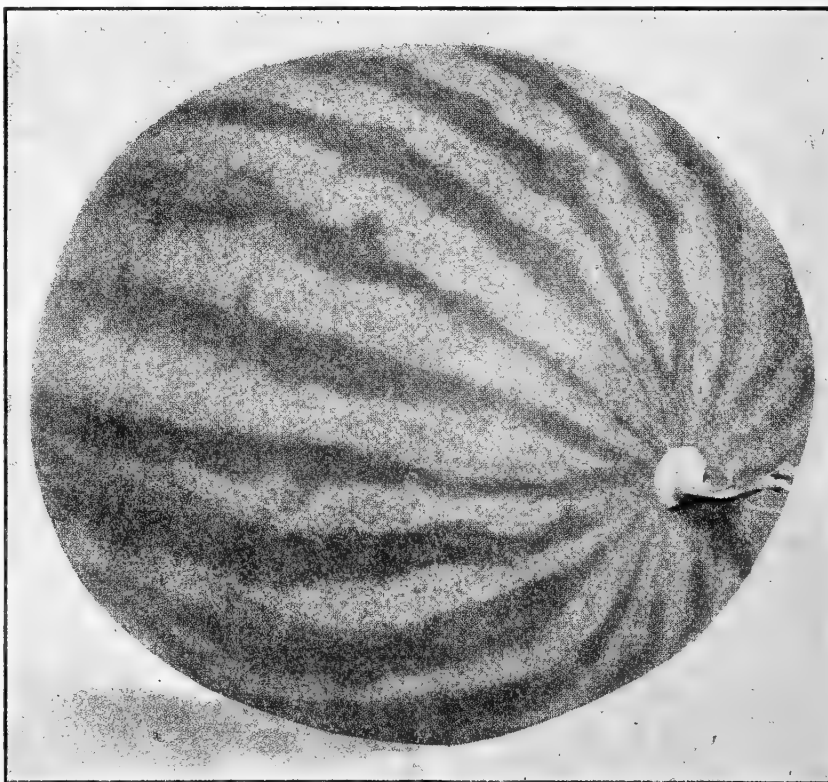
Chilean Black Seed 85 days

Another splendid Melon for home and market gardens. Fruits medium small, round, skin deep green, faintly mottled and striped with lighter shade. Flesh is crisp, fine grained and very sweet. 1 oz. 25c, ¼ lb. 70c, 1 lb. \$1.75.

Pride of Muscatine 90 days
Same as Kleckley's Sweet No. 6 as described above. 1 oz. 25c, ¼ lb. 70c, 1 lb. \$1.75.

Irish Grey 90 days

A white-seeded, extra hard shell variety, 18 inches long and 11 inches thick. The skin is a mottled greenish-gray. Flesh is red, crisp, sweet and free from stringiness. Fruits are large and oblong in shape. Average weight 35 lbs. A very fine shipping Melon. 1 oz. 25c, ¼ lb. 70c, 1 lb. \$1.75.



DIXIE QUEEN WATERMELON

WHAT, HOW AND WHEN TO PLANT

WHAT AND HOW TO PLANT

In selecting vegetables to plant include the ones your family should eat as well as the kinds they like. A well-balanced diet is most important and should include green vegetables, yellow vegetables, leafy vegetables, root vegetables and tomatoes.

Leafy or green vegetables for crisp salads. These are rich in vitamins and minerals.

Root vegetables, beets, carrots, turnips and onions, all rich in health-giving vitamins.

Vine vegetables—peas, beans, cucumbers, on the fence or trellis. The heavy-fruited types, like vine squash, and pumpkin, should be grown on the ground as always, among the corn to save space.

Flowers to complement the vegetables. Morale does not stop with the stomach. Flowers for the house, fresh from the garden, are essential. Plant them, as shown, on the plan to make the view from the house attractive and colorful.

SOW SEEDS AT RIGHT TIME

Work down the top soil with a rake until it is level, fine and in perfect physical condition, before attempting to plant seed. Seed should be sown thinly in shallow rills, made with a stick as shown in the sketch. To make the rows straight, follow a line of string stretched between stakes placed at either end of the row. The depth of this rill depends on the variety sown. Check with the depth of planting chart on page 21 before sowing seed.

Seed may be sown directly from the packet, or by rubbing a pinch of seed between the thumb and the first two fingers. This latter method gives a thinner distribution of the seed. Small seeds should not be thicker than 10 to the inch. Sow one row at a time and after each row, cover the seed lightly, touching the loose soil with a rake. Place the board used for walking between the rows on top of the sown seed and walk across it to firm the soil for better germination.

Treatment of the seed with "Spargon" will eliminate a great deal of damping off, and rotting of the seed after sowing, especially if sown during the wet weather.

If the soil is moist, but not wet, at the time of sowing, watering will not be necessary before the seedlings are up. If it dries out, however, sprinkle carefully so as not to wash out the small seedlings.

USE PLENTY OF FERTILIZER

Fertilizers are very important. The food value of garden vegetables for human consumption depends greatly on their mineral content, derived from the soil. The vitamin content depends on the vigor of growth and the abundance of sunlight. Therefore the fertilizing of the soil is important to insure vigorous growth and healthy mineral and vitamin-rich vegetables. A good practice is to spade commercial fertilizer, balanced to supply the necessary proportions of nitrogen, phosphorus and potash. Later in the season, applications of fertilizers in small doses, as side dressings, keep vegetables in active growth. We recommend Vigoro for general all purpose use.

WATERING IS IMPORTANT

Watering will be necessary during the enough in the day to evaporate drops of water from the leaves before nightfall. Water generously, soaking the soil deeply each time, rather than by quick "sprinkles" with the hose. In this way, the roots will grow deep, feed better and be protected from drouth, in case watering is missed during a hot dry spell. Once every week or ten days should be ample for most soils. No rules can be formulated to determine the necessity of watering. Observation of the soil, and testing with a shovel, will best determine when to water.

CULTIVATE OFTEN

To conserve moisture and promote growth of plants, give a complete cultivation of the surface soil the day following each rain or watering. Be careful not to go deep in the soil, else the roots will be injured. Most plants benefit by frequent and regular cultivation. Beans and peas, however, need only a light cultivation until they begin to set flowers, when further cultivation may cause the buds to drop and reduce the crop.

SOW SEEDS AT THE PROPER DEPTH

The above chart gives the ideal depth of cover for vegetable seed in well drained garden soil. Heavy soils should be lightened by addition of gypsum, peat, manure, bean straw or similar humus material. Don't sow too deep—the smaller the seed the lighter the cover.

SPRAY AND DUST FOR PESTS

Insects and diseases may infest the vegetable garden but may never become a serious problem if one watches for evidence of damage and takes prompt action. Sprays and dusts are available in convenient packages to combat every garden pest. When spraying cover all parts of the plant and both sides of the leaves. Do a thorough job promptly and avoid a serious infestation.

SPACE SAVING IN THE VEGETABLE GARDEN

Simple expedients that save space in the garden and make better vegetables are always helpful to the home gardener. The average plan will call for the easier kinds: Beets, carrots, swiss chard, leaf lettuce, onions and corn, all of which can be grown in small gardens. A few others, requiring a larger space, can be grown by training on poles, trellises, or fences, thus utilizing a minimum of soil space. Other quick maturing kinds can be grown between rows of the slower growing, and longer maturing kinds, or even between the plants in the row. The ground then does double duty, and it is therefore quite essential to fertilize the soil in order to support these extra crops and to watch the watering more carefully for the demands of the garden will be greater. Try a few of these methods—save the extra effort of a larger garden by intensively working a smaller area.

HYPONEX
Hawaii's Most Popular
Soluble Fertilizer
FOR SALE ON ALL
ISLANDS

SPADING THE SOIL - This operation

may be done as soon as the ground is workable in spring or fall and allowed to lie idle until spring. Turn over soil, break clods, remove sticks, stones, and perennial weed roots.

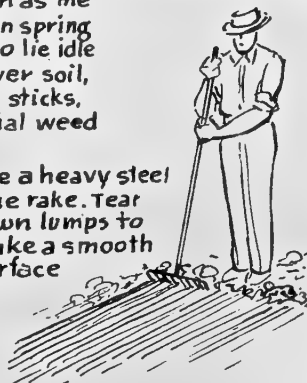
Push fork straight down full depth.

Use a heavy steel tyne rake. Tear down lumps to make a smooth surface

• RAKING SOIL



Manure or Fertilizer



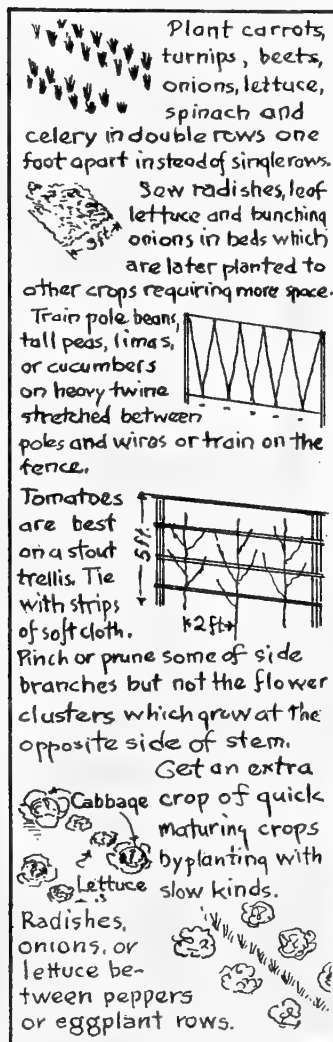
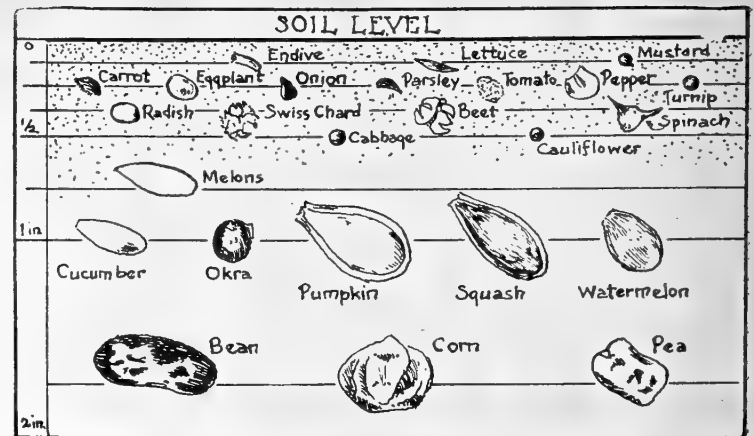
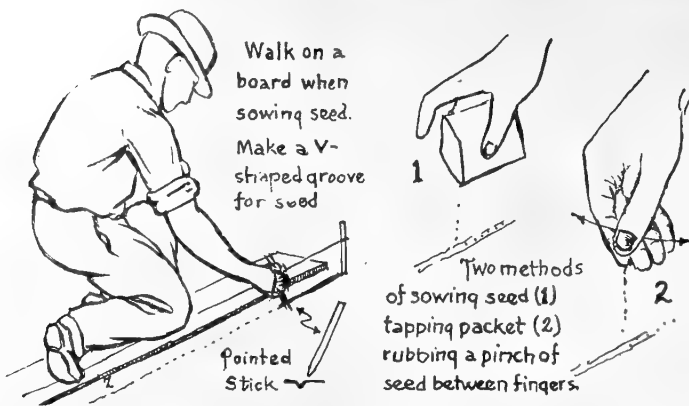
Plants are safer and easier to use for tomato (sketch), pepper, cauliflower, eggplant, celery and cabbage. Select vigorous plants properly hardened to resist cool weather. Protect with "Hotkaps" when weather is unsettled.



How To Set Plants



HELPFUL GARDENING HINTS



PLANTING TABLE

Species	Seed for 100 ft. row	Seed for one acre	† Inches between rows	Inches Apart in row	‡ Planting depth, inches
Beans, Bush.....	1 lb.	50-60 lbs.	24-30	2-3	1½-2
Beans, Pole.....	1 lb.	30-35 lbs.	36-48	6-8	1½-2
Beet.....	1 oz.	8-12 lbs.	14-24	3-4	½
Broccoli.....	¼ oz.	*4 ozs.	24-30	16-20	½
Cabbage.....	¼ oz.	*4 ozs.	24-30	16-20	½
Cantaloupe.....	½ oz.	3-4 lbs.	50-60	36-60	1
Carrot.....	½ oz.	3 lbs.	14-24	2-3	½
Cauliflower.....	¼ oz.	*4 ozs.	24-30	16-20	½
Celery.....	¼ oz.	4 ozs.	24-42	4-5	½
Corn, Sweet.....	8 ozs.	10-14 lbs.	30-42	9-12	1
Cucumber.....	1 oz.	3-4 lbs.	4-5 ft.	18-36	¾
Egg Plant.....	¼ oz.	5-6 ozs.	3-4 ft.	30-36	½
Endive.....	1 oz.	4-5 lbs.	18-24	8-10	½
Kale.....	¼ oz.	4-5 lbs.	20-30	12-18	½
Kohlrabi.....	½ oz.	4-5 lbs.	18-24	6	½
Lettuce.....	½ oz.	3 lbs.	12-18	6-12	¼
Mustard.....	½ oz.	4 lbs.	18-20	6-9	½
Okra.....	2 ozs.	8 lbs.	30-42	15	1
Onion.....	½ oz.	3-4 lbs.	15-30	3-4	¾
Parsley.....	¼ oz.	4 lbs.	12-18	8-12	¼
Parsnip.....	¼ oz.	4 lbs.	18-24	3-4	½
Peas.....	1½ ozs.	80-180 lbs.	24-36	1-2	1
Pepper.....	⅛ oz.	1 lb.	30	24-30	½
Pumpkin.....	4 ozs.	3-4 lbs.	8-10 ft.	5-6 ft.	1
Radish.....	1 oz.	10-12 lbs.	12-15	1-2	½
Rutabaga.....	1 oz.	2-3 lbs.	18-24	4-8	½
Spinach.....	2 ozs.	15-25 lbs.	10-24	5-6	¾
Squash, Bush.....	2 ozs.	6 lbs.	4-5 ft.	3 ft.	1
Squash, Vine.....	1 oz.	4 lbs.	6-8 ft.	5-6 ft.	1
Swiss Chard.....	1 oz.	6-8 lbs.	18-24	10-12	1
Tomato.....	⅛ oz.	4 ozs.	3-4 ft.	3-12 ft.	½
Turnip.....	1 oz.	2-3 lbs.	12-24	3-4	¼
Watermelon.....	½ oz.	3-4 lbs.	8-10 ft.	8 ft.	¾

*When plants are raised in greenhouse or hotbed.

†Varies with method of cultivation, etc.

‡For medium soils. A little more in sandy soils, a little less in heavy soils. Moisture is also determining factor.

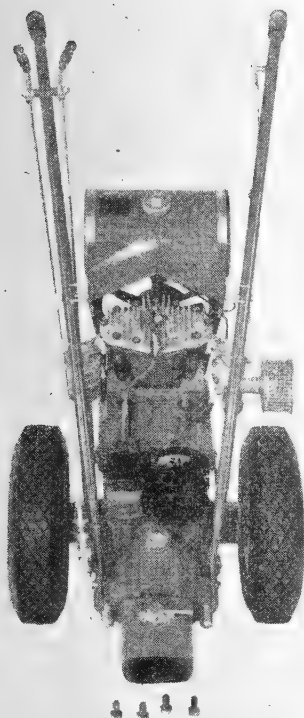
PLANTS REQUIRED TO SET AN ACRE

Inches Apart	Number of Plants	Inches Apart	Number of Plants	Inches Apart	Number of Plants
12x 3	174,000	24x 2	130,000	36x36	5,000
12x12	43,500	24x18	15,500	36x42	4,000
18x 3	116,000	24x24	11,000	36x48	3,500
18x12	29,000	30x 6	35,000	48x60	2,000
18x18	19,000	30x12	17,500	60x60	1,700

GROW GOOD
VEGETABLES
USE VIGORO

FOR ESTATES — FOR COMMERCIAL GROWERS
FOR PARKS — FOR GOLF LINKS — FOR FLOWER GROWERS

The Gravely Hand Tractor



Gravely Power Unit Model L

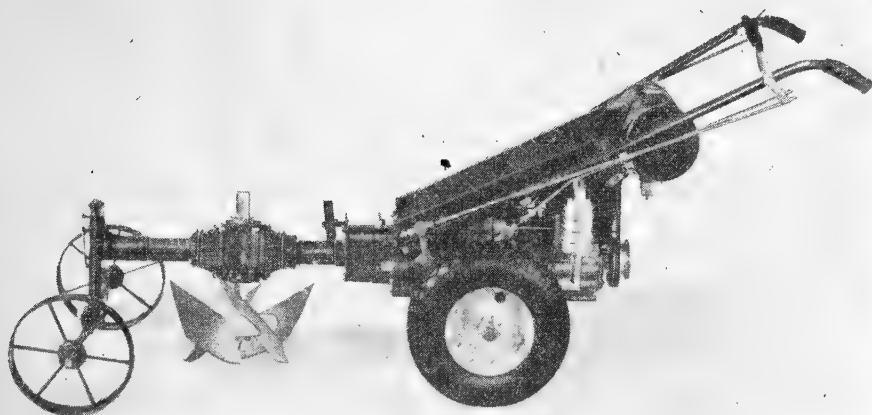
This sturdy 5-H.P. Garden Tractor will do more than any horse can do. And the Gravely requires no care or feeding when not in use.

ATTACHMENTS

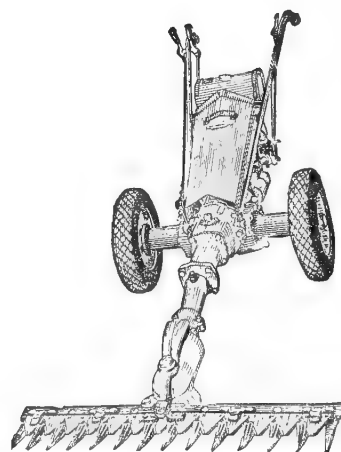
Four bolts hold the attachments to the power plant. Only a few minutes required for change over.

We carry a complete stock of attachments and parts.

Rotary Plow
Turn Plow
Sickle Mower
Rotary Mower
Fertilizer Spreader
Power Take Off
Cultivator
Seeder



Power Unit and Rotary Plow Attachment



Sickle Mower

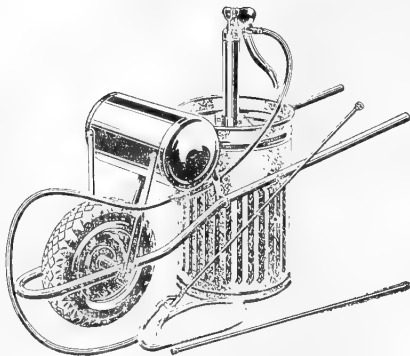
WE ARE MAKING IMMEDIATE DELIVERIES FROM OUR STOCK
WRITE FOR CATALOG AND PRICES

Exclusive Territorial Distributors

HONOLULU SEED COMPANY

SPRAYERS and DUSTERS

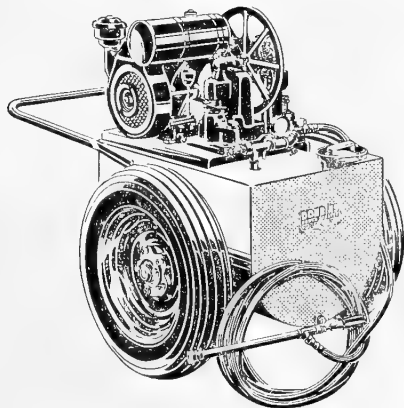
WHEELBARROW SPRAYER



A portable sprayer designed for constant pressure of 200 lbs. Tank, 18 gallons, heavily galvanized, furnished with 8 ft. $\frac{3}{8}$ " high pressure hose, 6 ft. extension rod and automatic shutoff.

No. 3191 Wheelbarrow Sprayer—With pressure tank and gauge. Equipped with 16x4" pneumatic tire. Shipping weight 102 lbs.

PORTABLE POWER SPRAYER

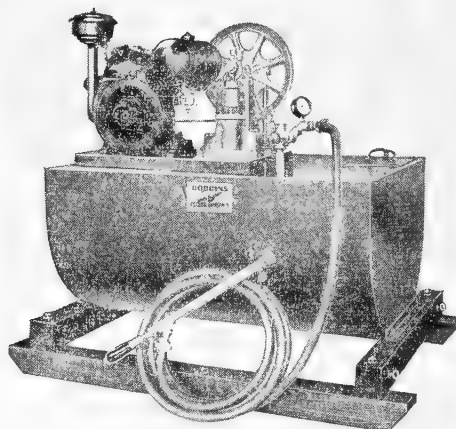


A high pressure portable power sprayer to handle all insecticides, fungicides, weed control chemicals, DDT solutions and whitewash.

Pump delivers 3 gallons per minute at 300 lbs. pressure. 50-gallon tank, securely welded. 25 ft. of $\frac{1}{2}$ " high pressure hose and adjustable spray gun. $\frac{1}{4}$ -H.P. engine.

No. 3260-R Power Sprayer. Disc wheels with 5:50x16 rubber tires and tubes.

SKID TYPE POWER SPRAYER



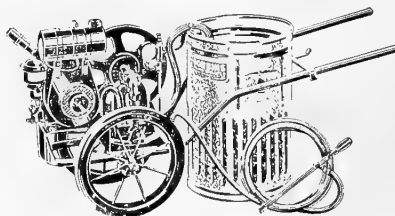
A very practical line of light weight high-pressure spray outfits mounted on skids. Furnished complete with discharge hose and adjustable spray gun.

No. 3264 Sprayer—50-gallon tank, 3 GPM, 300 lbs. pressure.

No. 3265 Sprayer—100-gallon tank, 3 GPM, 300 lbs. pressure.

No. 3266 Sprayer—100-gallon tank, 4 GPM pump, 350 lbs. pressure.

POWER WHEELBARROW SPRAYER



No. 4193R

For greenhouses, nurseries, orchards, estate owners, market gardeners, etc. Pump delivers $1\frac{1}{2}$ GPM at 250 lbs. pressure. Tank capacity 18 gallons. Equipped with $12\frac{1}{2}'$ of $\frac{3}{8}$ " high pressure hose and adjustable spray gun.

No. 4193R—With $1\frac{1}{2}$ -H.P. engine and 16" semi-pneumatic rubber tires. Shipping weight 142 lbs.

No. 4193ER—With 16" semi-pneumatic rubber tires. Equipped with electric motor and 50' cord. Shipping weight 140 lbs.

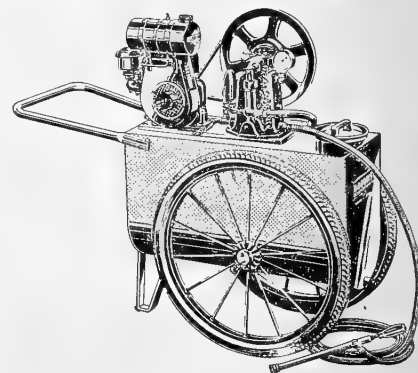
LARGE CAPACITY PRESSURE SPRAYER



Can be operated as a pressure sprayer or as a continuous sprayer by holding nozzle lever down while pumping. Delivers a very forceful finely atomized spray, suitable for all oil sprays including DDT, chemicals, disinfectants and insecticides free from sediment. Made of heavy galvanized steel with smooth, easy-operating pump.

No. 43G Chemical Sprayer—2 in shipping carton. Weight $5\frac{1}{2}$ lbs. per carton.

EVEREADY POWER SPRAYER



No. 4240R

A portable high-pressure, light weight spray outfit capable of handling all spray jobs for the individual owner and grower. Tank capacity is 25 gallons. Equipped with $1\frac{1}{2}$ -GPM pump which develops 250 lbs. pressure. Only $18\frac{1}{2}$ " wide, $12\frac{1}{2}'$ of $\frac{3}{8}$ " high-pressure hose; adjustable spray gun.

No. 4240R Eveready Sprayer— $1\frac{1}{2}$ -H.P. Briggs & Stratton engine, 26"x2 $\frac{1}{8}$ " pneumatic tired wheels. Shipping weight 189 lbs.

We Have It!

Koroseal

GARDEN HOSE

Nearly five pounds lighter. Bright red or green colors. Easy-to-clean. Glossy finish. Won't check or crack. Unaffected by oil or grease.

Koroseal—trade mark of
The B. F. Goodrich Company reg. U. S. pat. off.

HOSE for Garden and Farm

FOR THE GARDEN

Our first choice is Koroseal. Light weight. Sun, acid and grease proof. Red or green in 25 or 50 ft. lengths.

PRESSURE HOSE

We have what you need on 500-foot reels. High or low pressure. Popular sizes. Any length. Please write.

FOR FARM AND INDUSTRIAL USE

For sugar mills, canneries, farms, golf courses and contractors. Half and three-quarter inch, two and three-braid heavy duty hose. Brass couplings. 25 and 50 ft. lengths.

SPRAYERS and DUSTERS

BIGHEAD

The Dobbins Bighead represents more service value per dollar of cost than any sprayer built. Electric welded. Easy to pump. 36" high pressure hose. Automatic brass shut-off nozzle. 4-gallon capacity.



No. 44-G—Galvanized Tank.

No. 44-GS—Galvanized Tank but equipped with oil resisting synthetic hose and gaskets.

FUN-L-FILL

The Dobbins Superbilt Fun-L-Fill Sprayer is an outstanding value. Electric welded. Trigger quick spray lock. Angle nozzle permits spraying under leaves or over leaves. 3½ gallon capacity.



No. 22-G—Galvanized Tank, Screw top.

No. 21-G—Also 3½ gallons, Cam lock top.

SPRAYERS AND DUSTERS

In our very complete stock you will find just the type and size of sprayer or duster you need whether it be the one pint hand sprayer, the small hand duster or the magnificent 200-gallon Dobbins Farm Sprayer powered with a 5-H.P. gasoline engine, capable of handling 6½ gallons per minute at 400 pounds pressure.

It is also well to remember that our Service Department maintains a very complete stock of parts for all the models we sell.



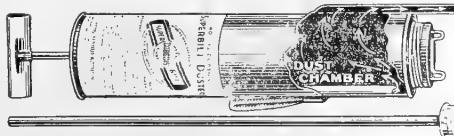
A high quality 2-gallon sprayer especially suitable for suburban and city home use. Streamlined oval tank. Light weight and easy to operate. Electric welded. Furnished with automatic shutoff, 3 ft. hose and brass extension rod.

No. 8—Deluxe Garden Sprayer.

HAND DUSTER

Capacity 1 Pound

The most efficient hand duster ever made. Highly recommended for applying Pyrethrum, Rotenone and Derris Root dust insecticides. A uniform discharge down to the last particle of dust. Tested and proved for all garden and field crops. Equipped with 2 ft. extension with patented two-way cap for dusting top and underside of leaves. Pump—4" diameter, 7½" stroke, with self-lubricating pressure seal valve plunger. More air per stroke.



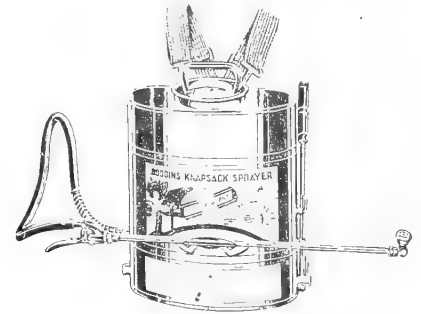
No. 132 Duster—Packed 6 per carton. Weight 10 lbs.

PRICES

The Dobbins Manufacturing Co. tries to maintain the lowest prices possible consistent with their high quality standards. There may be reductions as costs of raw materials decline. On the other hand, increasing freight and handling charges may possibly offset factory reductions. We therefore cannot quote firm prices in an annual catalog and ask that you write for quotations on all farm tools and implements.

KNAPSACK SPRAYER

The Last Word in Sprayer Utility
Trigger-Quick Spray Lock



Separate brass pressure chamber inside tank maintains constant uniform pressure. Builds 100 lbs. pressure in seven strokes. Change over from right to left hand in one minute. Large Fun-L-Fill opening for easy cleaning.

No. 45-GA—Galvanized Tank.

FLAME SPRAYER



Kills weeds and grasses. Burns rubbish and brush. Removes weeds from driveways, irrigation and drainage ditches, roads and fence rows. Disinfects poultry houses and yards, rabbit hutches. Heats and thaws. Electric welded 4-gallon tank. 7 ft. high pressure oil and chemical proof hose. Heavy steel torch of improved design. Flame temperature 2000. Brass burner nozzle.

No. 210—Flame Sprayer.

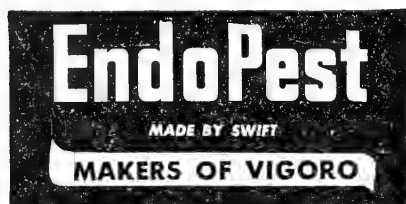
FUNGICIDES — HORMONES — INSECTICIDES

ROOTONE

Reg. U. S. Pat. Off.

ROOTONE

A hormone powder for cuttings, seeds and bulbs. Just dust and plant.
2 oz. jars (up to 3000 cuttings). Each \$1.00



END-O-PEST

A three-way all purpose dust for control of sucking and chewing insects. Handy applicator gun Each \$1.25

BLACK LEAF 40

1 oz. \$.40
5 ozs. 1.13
1 lb. 2.75
5 lbs. 9.35

BORDEAU MIX

For prevention of mildew, blight, leaf curl, etc.
4-lb. package \$1.08

D. D. T.

We carry and recommend Multicide No. 50-W. Can be used for dusting or mixed with water for soluble spray — 50% strength.

1 lb. \$.75
Write for quantity prices.

SHELL NICONA

1 qt. \$1.10
1 gal. 3.25
5 gals. 12.50

PRATT'S INSECTICIDES

DX Spray contains Rotenone and Pyrethrum and 5% D.D.T. A popular and effective insect spray.

8-oz. bottle \$1.60
1-qt. can 4.90
1-gal. can 12.45

DX Rotenone

½ pt. \$1.45
1 qt. 4.50
1 gal. 11.35
5 gals. 50.95

Fratt's DDT—25%

8 ozs. \$1.15
1 qt. 3.30
1 gal. 9.80
5 gals. 34.50

EVERGREEN GARDEN SPAY

An all-round garden spray. Kills aphids, ants, beetles and many other varieties of both sucking and chewing insects.

1 oz. \$.35
6 ozs. 1.15
1 pt. 2.45
1 qt. 4.10
½ gal. 7.75
1 gal. 12.60

EVER GREEN Garden SPRAY



IN OUR
OPINION
EVERGREEN
IS TOPS
FOR
GENERAL
GARDEN
USE

Spergon

Reg. U. S. Pat. Off.

SEED PROTECTANT

When Spergon is applied to seed, it helps prevent seed decay and damping-off, thus increasing the stand and improving the crop. Safe to use. Inexpensive.

UNITED STATES RUBBER COMPANY

Naugatuck Chemical Division

1230 Sixth Avenue • New York 20, N. Y.



SPERGON

A seed protectant. Prevents seed decay and damping off. Stimulates growth.

2-oz. package \$.40
1-lb. package 2.00

Wettable Spergon

1 lb. \$1.25

HORMEX

Prevents fruit drop. Excellent for tomatoes. Gold Label, makes 20 to 30 gals.75
Silver Label, makes 100 gals. 1.50

PLANT STIM

Used when transplanting. Reduces shock. Prevents attacks of fungi.
Large Jar \$.50

SEEDLESS SET

Spray on flowers or bulbs. For earlier, larger and better fruit.
8-oz. Bottle \$1.00

SNAROL

Prepared bait for cutworms, snails and slugs.

1 lb. \$.35
2½ lbs.65
6 lbs. 1.25
10 lbs. 2.00
50 lbs. 8.00

OTHER GARDEN HELPS



New Handy Plant Tie

A Twist of the Wrist
and Plant is Tied

Strong, dark green "invisible" tapes with wire reinforcing. TWIST-EMS' protect stems, permanently, support annuals, perennials, vines, shrubs, vegetables.

250, 4-inch size. .40c. Box of 125, 8-inch size. .40c.
Box of 125, 16-inch size. .75c.

'TWIST-EMS'

WE ARE HEADQUARTERS FOR OSMUNDA ORCHID MOSS

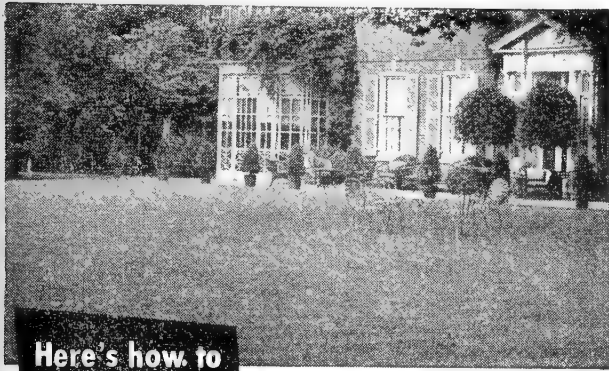
GRAFTING WAX
BUDDING STRIPS
RAFFIA

TREE WOUND COMPOUND
WIRE PLANT HOLDERS
WOODEN ORCHID BASKETS
WIRE HANGING BASKETS

FERTILIZERS

Commercial Growers—Our prices in ton lots to commercial growers are always competitive. Phone or write when you need a ton or more.

ALL ITEMS ON THIS PAGE — F. O. B. HONOLULU



Here's how to
have a more
beautiful
Lawn



Don't be satisfied with a sparse, spotty lawn. You can very easily have one that's "the finest in the neighborhood." Feed your lawn with Vigoro, complete plant food. Vigoro supplies all growing things with the nourishment needed from the soil. It is clean, odorless, sanitary, and easy to use! Most economical, too!

A PRODUCT OF SWIFT

VIGORO PRICES

F.O.B. Honolulu

100-lb. Sack	\$4.00
50-lb. Sack	2.50
25-lb. Sack	1.50
10-lb. Sack	.85

BIG ISLAND USERS

THE AMERICAN TRADING COMPANY
Hilo, Hawaii
will supply your needs
for
VIGORO



PLANTABBS

Package of 30	\$.25
Package of 75	.50
Package of 100	1.00
Package of 1000	3.50



If you are an orchid grower, you need no introduction to . . .



HYPONEX

Almost everyone in Hawaii uses this high grade soluble fertilizer for orchids, ferns, plants, shrubs and lawns.

3 oz.	\$.25
7 oz.	.50
1 lb.	1.00
10 lbs.	8.00
25 lbs.	15.00
100 lbs.	40.00

Other Fertilizers

	5-lb. Bag	10-lb. Bag
Ammonium Sulphate	\$.40	\$.75
B. Fertilizer	.35	.65
Lawn Special	.35	.65
Muriate of Potash	.35	.65
Sulphate of Potash	.35	.65
Super Phosphate	.35	.65
4-12-8	.35	.65
8-32-0	.50	.95

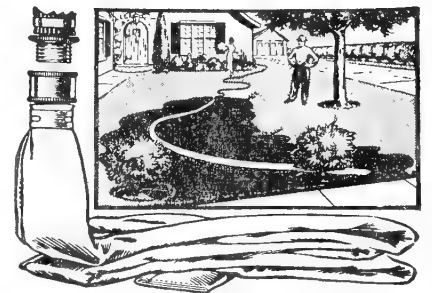
BLOOMLIFE

Makes cut flowers last longer. A cut flower plant food.
Package 10c

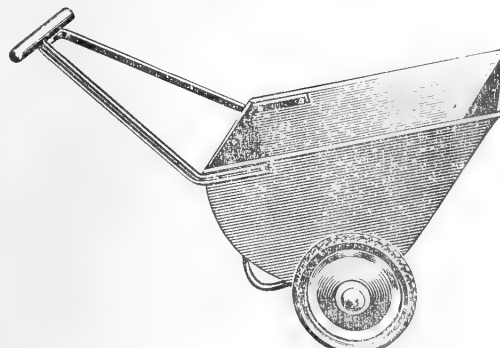
SOIL SOAKER

A hose like waterer of special porous canvas, screws to water hose, replacing nozzle of sprinkler. Puts the water exactly where wanted, will not wash away lightest soils. No evaporation. Saves water.

No. 0—12 ft.	\$1.65 each
No. 2—30 ft.	3.40 each
No. 3—50 ft.	5.50 each



MASTERS HANDI-CART



Just what its name implies—a very handy, sturdily built cart for a hundred garden uses. Rubber tired. Capacity 3½ cubic feet.

Each\$12.50

GARDEN AND FARM TOOLS

IMPORTANT NOTICE! All prices quoted on garden and farm tools are for your guidance only. Steel prices are fluctuating to such an extent that it is impossible to quote a firm price on tools in a catalogue of this nature.

Your order will be billed at the prevailing market price on day of shipment. We do not contemplate radical revisions but you may find a difference of from 25c to 50c either up or down on the prices quoted. We do promise you a fair price for the quality tool you select.

WISS PRUNING AND GRASS SHEARS

WISS PRUNER No. 808

The cutting edge of blade is longer than the hook, giving a drawing action, branches cannot slip out.

Each\$2.50



WISS HI-POWER PRUNER No. 908



The thin knife blade cuts into a soft bronze anvil with an easy smooth draw action. Very popular.

Each\$2.25



WISS No. 607 for Nursery and Orchard. Has beveled blade with extended point.

Each\$2.75



Each\$1.75

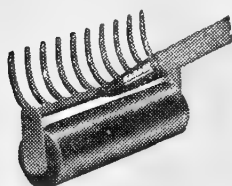
Wiss Grass Shear No. 5600 You should have both a Wiss Grass Klip and Grass Shear to keep your lawn properly trimmed with a minimum amount of effort.

Each\$2.00

WISS GRASS KLIP



GARDEX ROLLER RAKE No. 254



For raking soil, covering seeds, and rolling to press soil down for quicker germination. Roller is hollow, made of steel and can be detached.

Each\$2.65

GARDEX GARDEN HOE

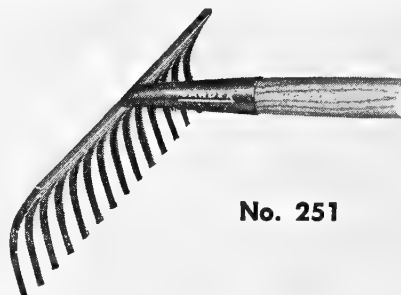


No. 906 1/2

Well balanced, sturdy, light weight.

Each\$1.45

GARDEX CURVED TOOTH RAKE



No. 251

All steel. Good quality. 14 teeth. 5-ft. handle.

No. 251Each \$1.45

GARDEX BOW RAKE



No. 250

Carbon steel, reinforced bow and straight back for leveling.

No. 250Each \$1.75

GARDEX LAWN SWEEP



No. 403

Made of special tempered spring steel with flat flexible teeth that do not pull grass roots. Well balanced, lightweight and constructed so that all 22 teeth touch the ground, thus utilizing the full 18-in. width. Ask for Lawn Sweep No. 403 Each...\$1.55

GARDEX MIDGET TOOLS

These midget tools are designed to make pleasure out of work in greenhouse, small flower beds, window boxes and flower pots around the house. Each tool has some special feature of practical value for lovers of plants and flowers. All of them have the famous GARDEX socket with brightly colored handles attached.

MIDGET CULTI-SPADE



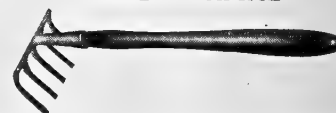
No. 721Each \$.55

MIDGET CULTI-HOE



No. 732Each \$.60

MIDGET RAKE



No. 715Each \$.60

MIDGET FORK



No. 703Each \$.45

GARDEX FIELD HOE



No. 932

One of the handiest tools we know of for weeding and cultivating.

No. 932 Field Hoe.....Each \$1.35

WHATEVER YOU NEED for Your Garden, Farm or Nursery

you will find in our very complete stock. We list below a few of the many items we carry. You will find our prices reasonably consistent with our high quality standards. Mail your orders and we will promptly ship the merchandise.



Axes

Asparagus Knives

Baskets, leaf

Barbeques

Bird Feeders

Clay Pots, all sizes

Cement Pots

Cactus Pots

Cultivators

Cardinal Seed

Clothes Line

Clothes Baskets

Fern Logs

Fern Pots

Fern Slabs

Feeding Dishes

Fertilizer Spreaders

Grafting Wax

Garbage Cans

Grass Sickles

Grass Catchers

Handi-carts

Hoes, many sizes

Hose, garden

Hose, industrial

Hose, high pressure

Hose Couplings

Hose Nozzles

Hose Hangers

Hanging Baskets, wire

Hanging Baskets, redwood

Hammocks

Hedge Shears, electric

Knee Guards

Kneeling Mats, rubber

Lawn Chairs

Lawn Swings

Lawnmowers, hand

Lawnmowers, power

Lawn Edgers

Lettuce Cutters

Labels, wood

Labels, pyralin

Labels, tree

Orchid Moss

Potato Hooks

Plant Trays

Picks

Rakes

R-V-Lite

Spades

Shovels

Spading Forks

Soil Soakers

Sprinklers, all styles and shapes for different pressures and work.

Stepladders

Trowels

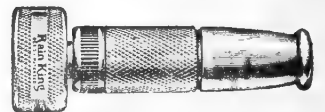
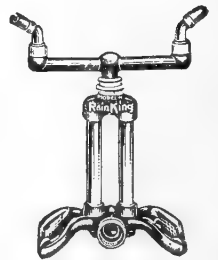
Terrariums

Vases, Garden

Vases, Flower

Weeders

Wheelbarrows



We also carry many Florist Supplies—ribbon, wire, picks, shipping boxes, corsage pins, spaghnum, etc.



YOUR DOG . . .

He Guards Your Home

You Guard His Health

He deserves a little consideration, that dog of yours.

Old Trusty Dog Foods

Made by a company of practical
Dog Men for upwards of 25 years.

FOODS FOR HIS MAJESTY — YOUR DOG

We endeavor at all times to carry a complete line of cereal and canned foods as offered by leading manufacturers. Our prices are always in line with market quotations.

OLD TRUSTY

We have handled this line for over ten years. It is well known in the Islands and is used by many large kennels. Old Trusty Biscuits, Kibbles, Toy Dog Food, Tid Bits and Meal are all popular.

STURDY PRODUCTS

Here again is a fine cereal type dog food containing a good percentage of dry meat and vitamins. Sturdy is offered in all forms, biscuits, meal, kibbles and puppy size kibbles.

Dr. Ross

The Favorite with Dogs of Discrimination



A very popular prewar brand again in the market in cases of 48/15-oz. cans.

VITAMINS

Vi-Ti Tablets. Contains B-1 Complex.
Bottle—100 tablets\$1.00
Squibb's Vionate Vitamin B Complex, plus calcium and phosphorus.
8-oz. bottle\$.50
2-lb. bottle 1.65

YEAST

Fleischmann's Dog Yeast.
3½ ozs.\$.35
8 ozs.65
16 ozs. 1.10

SPRATT'S ITEMS

Puppilac, 10 ozs.\$.95
Calcium Phosphate, 8 ozs.45
Spix Biscuits, 1b.20
White Flea Soap.25
Black Flea Soap.35
Catnip Leaves—loose, 1½ ozs.40

These 4 Make His Life Miserable



- Fleas ● Ticks
- Sarcoptic Mange Mites
- Canker Ear

Quadine provides complete protection for your dog against the great common pests of dogdom. . . In that single bottle are many other benefits, too — 23 in all.

Quadine

also controls ringworm, dandruff scales, dog odor, lice, and gives the hair that dog-show sheen which delights every owner . . . Easily applied with cloth, brush or atomizer. Eliminates washing. 2 oz. bottle, 75c. 3 oz. bottle with special atomizer, \$2.25.

Easier, quicker dog baths with MAGITEX Bubbles



Try new Magitex Bubble Shampoo; clean pet easily, like washing hands. Rub bubbles on — wipe off — that's all! No tub, rinsing, splashing. Removes fleas, lice on contact. Deodorizes, beautifies coat. Safe, effective. Only pennies a bath. Large bottle, \$1; trial size, 60¢.

DOES YOUR DOG Itch.. Scratch?



DON'T BLAME FLEAS

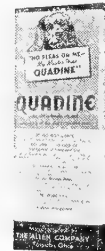
MANGE... DIET!

If your dog itches, scratches continually, it's probably not due to fleas, mange or diet. 2 to 1, it's FUNGITCH, grass-borne fungus infection long a puzzle to science. FUNGITCH starts as an itch followed by dandruff-like scales or sores with brownish edges and mouldy odor — or infection in ears, in paws, underbody, tail or eyes. May lead to most serious results—costly care—even total loss. Now a noted specialist's discovery — SULFADENE — applied externally, stops itching in minutes. . . clears up scales and sores in a few days. Generous treatment—only 98c.

DR. MERRICK'S SULFADENE

QUADINE

Quadine is a many purpose product useful the year round. Quadine has 23 distinct uses. Combats fleas, lice, ear and sarcoptic mange, ringworm, canker ear, ticks, bruises, cuts, dry skin and dandruff. Quadine is also a deodorant and hair groom. The enthusiastic choice of hundreds of leading kennels.



Quadine, 2 ozs.\$.75
Quadine, 4 ozs. 1.25
Quadine, 12 ozs. 2.30
Quadine, quart 3.75
Quadine, gallon 9.50

QUADINE JUNIOR SET



This set features a bottle of Quadine and especially engineered atomizer. Complete set\$2.25

ALLEN'S LIQUID GARLIC

An excellent canine appetizer. Odoriferous indigestible fibre has been removed.

4-oz. bottle\$1.00
12-oz bottle 2.25
½-gal. bottle 9.00



K-NO EYE DROPS

For minor eye irritation caused by dust, etc.

4-oz. bottle\$1.25



FORMULA 41

A most effective deodorant and disinfectant for use on dog runways and kennels. Mix 40 to 1 with water.

12-oz. bottle\$1.25
(Makes 3¾ gallons)



QUADINE LIQUID SOAP

1 pint\$1.25
1 quart 1.85

HILO DIP AND OINTMENT



When your Dog starts to scratch and bite his back, don't wait.

Get Hilo Dip and Ointment.

Has helped thousands of dogs.

\$1 for both
Results Guaranteed

Quick relief from Summer Eczema. Use in dog's bath. Kills fleas and lice.

Hilo Dip

1 oz.	\$.25
3 ozs. ....	.50
6 ozs. ....	.85
Pint	2.00
½ gal.	6.00

Hilo Ointment

1 oz.	\$.25
3 ozs. ....	.50
15 ozs.	1.00

SUDBURY PRODUCTS

Chaperone	\$1.00
Keeps dogs off furniture.	
Liquid Chaperone	\$1.00
Keeps dogs off gardens.	
Kitty Chaperone	\$1.00
Keeps cats off furniture.	

Dr. MERRICK'S SULFADENE

Recommended highly for itching.

Bottle	\$.98
--------------	--------

DOG CANDY

A harmless treat for your dog and do they enjoy it\$.40

PULVEX

Dry Cleaner—small	\$.25
Dry Cleaner—large .....	.50
Flea Powder with DDT .....	.50
Round & Hookworm Capsules .....	.25
Tapeworm Tablets .....	.60
Combination Worm Capsules .....	.50
Combination Worm Capsules (economy size) .....	.75

It will positively rid your dog of
FLEAS AND TICKS

**WE MAKE IT
RECOMMEND IT
STAND BEHIND IT**

Lloyd's

TICK AND FLEA POWDER

Sold with money-back guarantee
Large Can\$.60

ACCESSORIES — TOYS — BEDS

Anchor with chain	\$2.95
Ball, high grade Voit .....	.35
Bed, with cushion, 25"	8.95
Bed, with cushion, 30"	12.75
Bed, with cushion, 35"	17.75
Britches—for dogs in season—small, medium, large	1.60
Chain—6 ft. kennel	1.50
Chain—20 ft. tie out	1.25
Clippers, Hair	2.25
Crackle Bone, toy	1.00
Dish—Aluminum, cocker—small	2.25
Dish—Aluminum, cocker	2.75
Dish—Aluminum, flat	3.25
Dish—Porcelain	1.05
Dish—Rubber .....	.80

COLLARS LEASHES HARNESS

When ordering please send the following information which will assist us in handling your order intelligently:

Age and breed of dog.

Weight of dog.

Neck measurement.

Chest measurement taken about two inches behind front legs.

We gladly mail collars, harness and leashes on approval or will send several for your selection. You return all or part with no obligation.

Collars

Our stock is very complete in a wide range of sizes and colors. They run from 50c for a good single leather collar to \$3.75 for a double or round hand stitched top grain cowhide. State your needs when writing so we can make a selection to please you.

Harness

We have tiny ¼" leather in 10" breast measurement and all intermediate sizes until you reach the heavy 1½" double leather 36" size. Be sure to answer all questions listed above when ordering.

Leashes

Here again we endeavor to carry everything you might need for all occasions. Silk show leads. Light leather slip over show leads. Short, long, thick, thin, light and strong including a neat folding lead which slips into your pocket. Tell us what you need. Prices from 75c to \$4.95.

Duplex Dresser with 5 extra blades ..	1.50
Glove, Raho wire fibre	4.25
Identification tube .....	.30
Locks, dog collar .....	.25
Nail Clippers, Resco	2.50
Picket, tie out .....	.90
Pine Oil	1.00
Shears, Trimming	2.85

Space does not permit our listing all items carried. If you are in need of combs, brushes or toys, in fact anything for your dog, please write us.

IMPORTANT

Your credit is good at the Honolulu Seed Company.

We fully realize that it is difficult to purchase your dog's needs by mail. It is also hard for us to list all items we carry, and prices do change in these unsettled times.

So solve your problems this easy way. Write us your needs. Our professional will select what he thinks you will like.

We will forward the merchandise by parcel post or air freight and send you a bill. If you are pleased—send your check. If you are not—return the package for full credit.

WE CARRY A FULL LINE OF



Baby Bird Food, 4 ozs.....	\$.25
Baby Bird Food, 12 ozs.....	.75
C.L.O. Bird Food, 10 ozs.....	.25
Color & Pepper Food, 4 ozs.....	.25
Conditioner, 4 ozs.....	.25
Finch Seed, 1 lb.....	.25
Mating Food, 8 ozs.....	.40
Moulting Food, 4 ozs.....	.25
Parakeet Seed, 16 ozs.....	.25
Parrot Food, 16 ozs.....	.35
Song Food, 4 ozs.....	.25
Song Restorer, 4 ozs.....	.25
Petpak Vacuum Air Washed Canary Seed, 16 ozs.....	.35

BIRD ACCESSORIES

Bird Baths, outside, each.....	\$1.00
Bird Baths, inside, each.....	.20
Bird Pacifiers, each.....	.25
Charcoal .....	.15
Seed Cups, inside, each.....	.30
Seed Cups, outside, each.....	.10
Feeders, wild bird, each.....	12.50
Gravel Paper, 11" round, pkg.....	.30
Gravel Paper, 9x12, pkg.....	.30
Nests, Lovebird	1.15
Nests, Canary, wire.....	.20
Nesting, Package .....	.10
Perch, easy grip .....	.30
Swings, easy grip.....	.25
Wall Bracket .....	.25

FISH FOODS

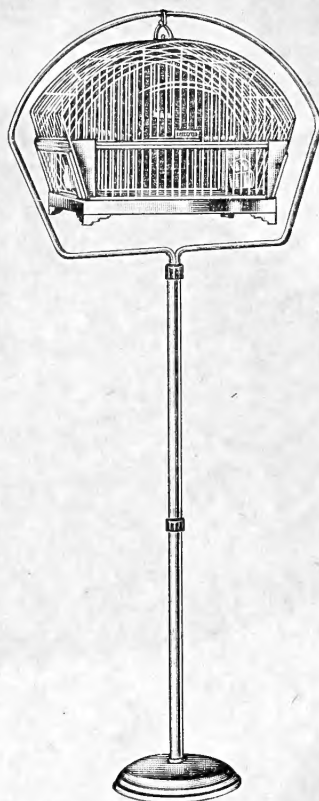
Longlife

Tropical Fish Food, can.....	\$.25
Conditioning Food, can.....	.35
Micrograin, can .....	.35
Salmon Eggs, can.....	.15
Shrimp Meal, can.....	.15
Turtle Food, can.....	.15
Pool Fish Food, can.....	.60

Tropicala

A great favorite.	
Fine, medium or coarse, can.....	\$.25

**DON'T FORGET THE
CARDINALS
PLUMP FRESH
SUNFLOWER SEED
LARGE — 5-LB. BAG — \$1.00**



BIRD CAGES

Write your needs. We have a complete line of cages and stands, including breeding and flight cages.

AQUARIUM SUPPLIES

Aeration Stones	\$.45
Pump, Marco Model A.....	25.00
Pump, Marco Model B.....	30.00
Pump, Marco Model B-2.....	35.00
Aqua Remedies .....	.25
Cement, 1-lb. can.....	.50
Cement, 5-lb. can.....	2.45
Charcoal, animal bone, 1 lb.....	.50
Clamps .....	.35
Dip Tubes, each.....	.35
Feeding Ring, 2½".....	.25
Feeding Ring, 4x6.....	.50
Fibre Glass, pkg.....	.35
Filter, inside, 7".....	8.50
Filter, outside, 10".....	12.00
Gravel, 50-lb. bag.....	4.50
Heater, 50-watt	5.00
Heater, 100-watt	5.00
Net, 4" .....	.20
Net, 5" .....	.30
Net, 10" .....	.95
Rubber Tubing, 1'.....	.15

AQUARIUM ORNAMENTS

Best quality—glazed.	
Arch, No. A-32.....	\$.65
Castle, Junior No. A-17.....	.40
Castle, No. A-38.....	1.25
Castle, 3-Tower, No. B-80.....	7.75
Fish, No. A-44.....	.85
Frog	1.90
Trout, No. C-47.....	\$1.00
Turtle, open back, No. 342.....	.90

WATER PLANTS

Write for list of beautiful, rare aquatic plants.

HARTZ MOUNTAIN



Bird Charm (Seed Bell).....	\$.15
Bird Nibbles .....	.10
Biscuit (Egg Food).....	.30
Color Food .....	.15
Condition Food .....	.29
Cuttlebone .....	.10
Finch Seed .....	.15
Master Canary Seed.....	.35
Mixed Canary Seed.....	.28
Moulting Food .....	.29
Nestling Food .....	.15
Parrot Food .....	.40
Peck-o-Egg .....	.15
Song Food .....	.29
Song Pep .....	.35

AQUARIUMS

We offer only finest stainless steel aquariums with slate bottoms.

No. 75—2-gal. size, each.....	\$ 6.00
No. 76—3-gal. size, each.....	8.00
No. 77—5-gal. size, each.....	11.00
No. 84—8-gal. size, each.....	14.00
No. 86—10-gal. size, each.....	17.50
No. 89—15-gal. size, each.....	22.50
No. 95-C—30-gal. size, each.....	45.00
No. 110—35-gal. size, each.....	80.00
No. 408—42-gal. size, each.....	85.00
Betta Tank—5-compartment	25.00

Packing charge on Aquariums 20%

Stands for above available in all sizes. Beautiful stainless steel fluorescent reflectors from 14" to 36" to fit all aquariums over 5 gallons.

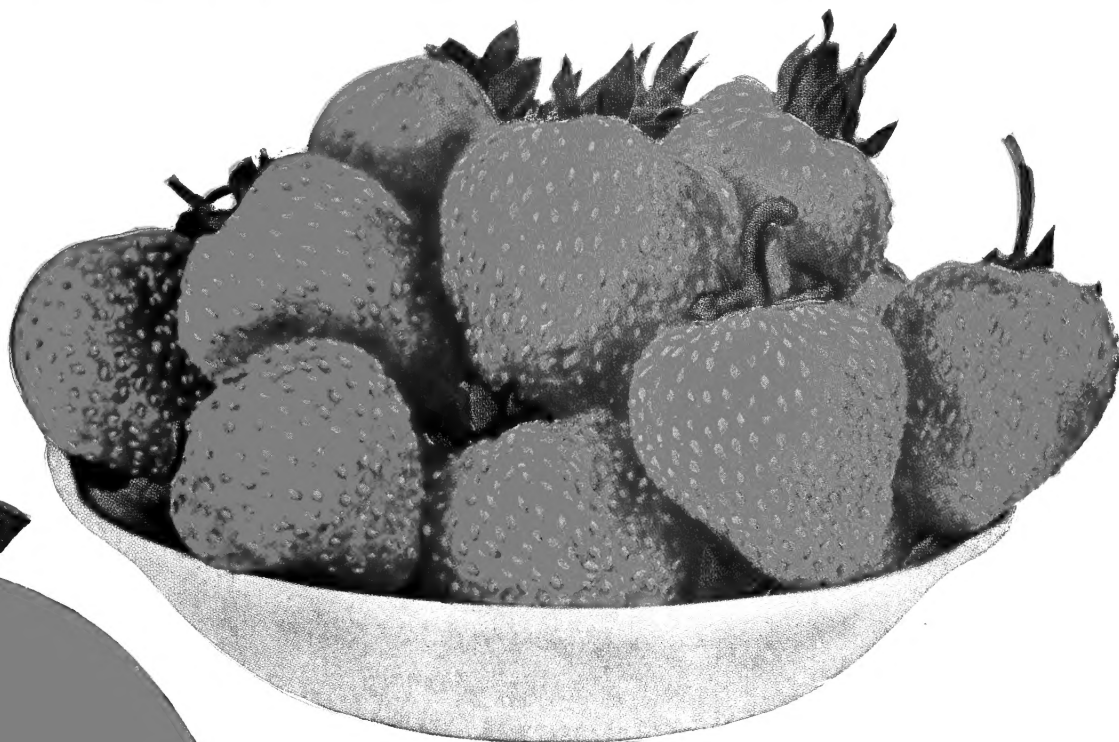
TROPICAL FISH

Air transportation makes it possible to supply you with any of the rare tropical or colorful gold fish which we stock at all times. Write for list of available fish.

STRAWBERRIES

The Famous Everbearing Variety

We are in a position to deliver strong, healthy strawberry plants practically all year round. Price 15c each plus air freight charges from Honolulu to you.



GRAPEFRUIT MARSH SEEDLESS GRAPEFRUIT

The standard commercial variety. Large, practically seedless fruit, thin skinned and very juicy. Vigorous, compact grower. Deliveries January, February, March only.

LEMONS MEYER LEMON

The best variety for home use. It ripens fruit almost all year round, fruit that is bigger and juicier than the average lemon. Delivery January, February, March only. Prices on request.

California CITRUS ORANGES

Oranges grow well at the higher levels in Hawaii. Deliveries during January, February, March only. The Robertson Navel Orange is the most popular. We recommend two year trees, $\frac{3}{4}$ " caliper and up. Prices on request.



*Top
Award
Winner
for
1948*

A BODGER
CREATION



NEW!

Ready in 1948

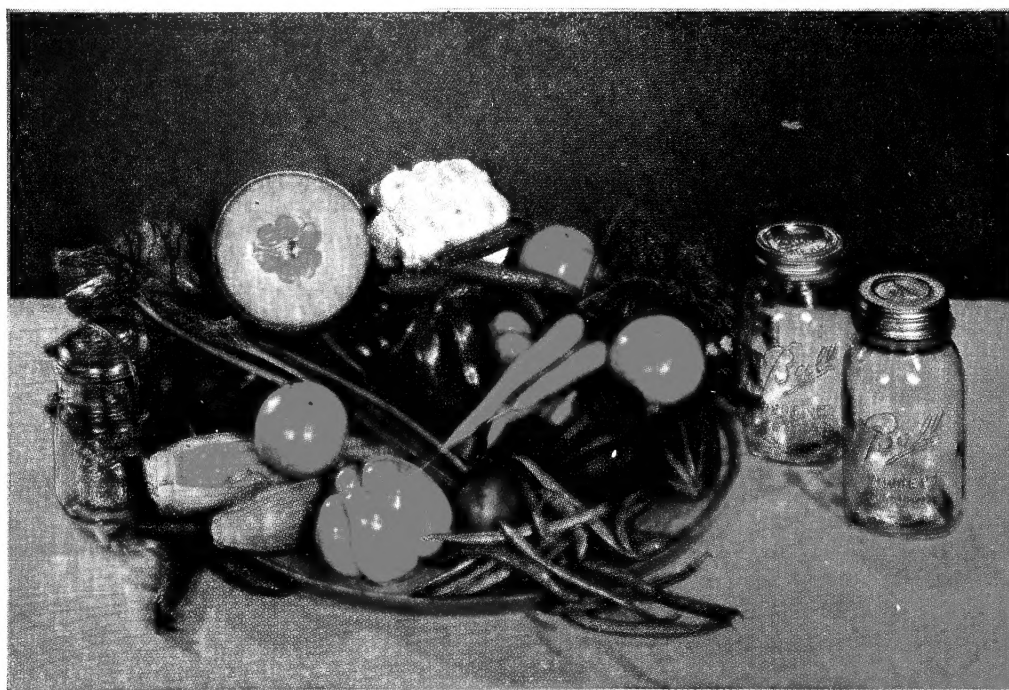
**COSMOS
RADIANCE**

Deep rose petals overlaid with large, well defined zone of rich crimson.

Trade Packet
25c



**COSMOS
RADIANCE**



ALL OUR SEEDS ARE:

1. Varieties which have proved adaptable to our climatic and soil conditions.
2. Grown under contracts especially for us by very reliable seedsmen.
3. Stored in humidity and temperature controlled rooms to maintain their freshness and viability.

That's What We Mean
When We Say . . .

**"SELECTED SEEDS FOR
HAWAII'S NEEDS"**

Honolulu Seed Company